STIC Database Tracking Number: 102168

TO: Benjamin R Bruckart
Location: 5A23
Art Unit : 2155
Thursday, September 04, 2003

Case Serial Number: 09/644587

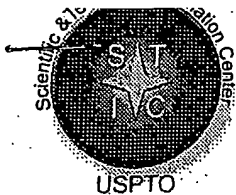From: David Holloway
Location: EIC 2100
PK2-4B30
Phone: 308-7794

david.holloway@uspto.gov

Search Notes

Dear Examiner Bruckart,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David

STIC EIC 2100

Search Request Form

USPTO

Today's Date: 8-22-03

What date would you like to use to limit the search?

Priority Date: before Sept 1, 1999 Other:

Name Ben Bruckart

AU 2155 Examiner # 79964

Room # 5A23 Phone 305-0324

Serial # 09/644587

Format for Search Results (Circle One):

PAPER DISK EMAIL (Any)

Where have you searched so far?

(USP) DWPI (EPO) (JPO) ACM (IBM TDB)

IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) (YES) / NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of r levant art you have found.

I am looking for something that takes URI (superset of URL) addresses in, parses them for a keyword and then searches the keyword for similar related content. Claim 1 seems to explain it well where "first identifier" can be ~~used~~ any ~~line or word~~ additional words or letters in the line.

Searched data can be used for advertising or extra content to be displayed.

08-25-03 A09:10 IN

STIC Searcher David Holloway Phone 308-7794

Date picked up 9-3-04 Date Completed 9-4-04

```
S1       5716    URL OR URN OR URLS OR URNS OR URI OR URIS OR DOI OR DOIS OR
                 DIGITAL()OBJECT()IDENTIFIER? OR (UNIFORM OR UNIVERSAL)()RESO-
                 URCE
S2     1465157   PARSE? OR PARSING OR FILTER? OR DIVIDE? OR SPLIT? ? OR BRE-
                 AK?
S3     5676325   PART? ? OR SEGMENT? OR FRAG OR FRAGMENT? OR COMPONENT? OR -
                 MODULE? OR SECTOR? OR STRING?
S4       35117   IDENTIFIER? OR KEYWORD? OR KEYTERM? OR KEYPHRASE? OR DESCR-
                 IPTOR? OR (INDEXED OR KEY)()(WORD? OR TERM? OR PHRASE? OR STR-
                 ING?)
S5     1117421   SEARCH? OR SEEK? OR FIND? OR LOCAT? OR QUER? OR RETRIEV?
S6          95   S1 AND S2 AND S3
S7          12   S4 AND S5 AND S6
S8          14   S6 AND S4
S9          45   S6 AND S5
S10         47   S7 OR S8 OR S9
S11         27   S10 AND IC=(G06F-017? OR G06F-015?)
S12         27   IDPAT (sorted in duplicate/non-duplicate order)
S13         27   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Oct 1976-2003/May(Updated 030902)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200355
         (c) 2003  Thomson Derwent
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13/5/5   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015266706   **Image available**
WPI Acc No: 2003-327635/200331
Related WPI Acc No: 2001-536095
XRPX Acc No: N03-261916
   Online form filling method involves decoding location   identifier ,
   form location , **user** identifier **at selective proxy server which**
   requests online form from form-originating server for processing
Patent Assignee: INFOSPACE INC (INFO-N)
Inventor: MARKUS M A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6499042	B1	20021224	US 98103379	P	19981007	200331	B
			US 99411478	A	19991001		

Priority Applications (No Type Date): US 98103379 P 19981007; US 99411478 A
   19991001
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6499042	B1		6	G06F-017/21	Provisional application US 98103379

Abstract (Basic): US 6499042 B1
       NOVELTY - The **location**   **identifier** such as **URL** of a
   form-originating server, a form **location** and a user **identifier**
   received from a client, is decoded at a selective proxy server which
   requests the form-originating server to provide the online form. Data
   associated with user is inserted into the fields identified from the
   form by **parsing** the form, using user **identifier** after which the
   online form is transmitted to the client.
       DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
   following:
       (1) selective proxy server;
       (2) electronic form processing method;
       (3) computer readable medium storing electronic form processing
   program; and
       (4) computer system for processing electronic form.
       USE - For automatically filling in electronic form online with
   user's personal data.
       ADVANTAGE - By using the selective proxy approach to fill in
   documents containing form elements, the documents forms are filled
   without the need for upgrading document browser and document server
   software **modules** , hence allows an entity to automatically release
   personal data to other entities connected through computer network.
       DESCRIPTION OF DRAWING(S) - The figure shows the sequence diagram
   of the software **components** in which the selective proxy form filling
   process is executed to accomplish a form autofill.
       pp; 6 DwgNo 3/3
Title Terms: FORM; FILL; METHOD; DECODE; **LOCATE** ; IDENTIFY; FORM; **LOCATE**
   ; USER; IDENTIFY; SELECT; SERVE; REQUEST; FORM; FORM; ORIGIN; SERVE;
   PROCESS
Derwent Class: T01
International Patent Class (Main): **G06F-017/21**
File Segment: EPI

015162620   **Image available**
WPI Acc No: 2003-223148/200322
Related WPI Acc No: 2003-203098
XRPX Acc No: N03-177860
   Data addressing method for disk drive, involves extending URI
   identifier **between standard portion and extension portion of** URI and
   utilizing data stored in extension portion to control parser and
   recording unit
Patent Assignee: DEUT THOMSON-BRANDT GMBH (THOH)
Inventor: JANSSEN U; JOBST H; OSTERMANN R
Number of Countries: 026 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1271350	A1	20030102	EP 2001250216	A	20010614	200322	B

Priority Applications (No Type Date): EP 2001250216 A 20010614
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1271350	A1	E	8	G06F-017/30	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1271350 A1
       NOVELTY - An **uniform resource identifier** (**URI**) is extended
   between standard portion and extension portion of **URI** using an **URI**
   de-limiter. The data stored in the **URI** extension portion is used to
   control a **parser** (PAR) and a recording unit (REC) which stores or
   replays corresponding portions of files.
       DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for data
   addressing apparatus.
       USE - For automatically or electronically addressing data within
   files stored in disk drive for electronic multimedia content
   referencing and content **location** , for collection with DVR/DVD
   standardization, meta data, personal video recorder, personal digital
   recorder, optical storage, hard disk storage, home server and web
   enabled storage.
       ADVANTAGE - Possible to refer portions and **segments** in multimedia
   file. Electronically **locates** the content server device. Provides a
   simple and well-known human readable and computer interpretable
   description. **Locates** a multimedia content and automatically delivers
   it through the Internet.
       DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   data addressing apparatus.
       pp; 8 DwgNo 1/1
Title Terms: DATA; ADDRESS; METHOD; DISC; DRIVE; EXTEND; IDENTIFY; STANDARD
   ; PORTION; EXTEND; PORTION; UTILISE; DATA; STORAGE; EXTEND; PORTION;
   CONTROL; RECORD; UNIT
Derwent Class: T01; T03; W04
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

015142571   **Image available**
WPI Acc No: 2003-203098/200320
Related WPI Acc No: 2003-223148
XRPX Acc No: N03-161795
  **Automatic content referencing system for digital video recorder adds user
  generated input extension to** uniform   resource   identifier   string
Patent Assignee: THOMSON LICENSING SA (CSFC); HORENTRUP J (HORE-I);
  JANSSEN U (JANS-I); OSTERMANN R (OSTE-I)
Inventor: HOERENTRUP J; JANSSEN U; OSTERMANN R; HORENTRUP J
Number of Countries: 030 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1267282	A1	20021218	EP 2002291346	A	20020603	200320	B
US 20020194188	A1	20021219	US 2002167819	A	20020612	200320	
KR 2002095429	A	20021226	KR 200228399	A	20020522	200330	
CN 1392498	A	20030122	CN 2002123208	A	20020612	200332	
JP 2003108414	A	20030411	JP 2002165720	A	20020606	200334	

Priority Applications (No Type Date): EP 2001250216 A 20010614
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1267282	A1	E	8	G06F-017/30	

    Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
    LI LT LU LV MC MK NL PT RO SE SI TR

US 20020194188	A1			G06F-007/00	
KR 2002095429	A			G11B-020/04	
CN 1392498	A			G06F-017/30	
JP 2003108414	A		6	G06F-012/00	

Abstract (Basic): EP 1267282 A1
      NOVELTY - A **parser** (PAR) controlled by a User Interface (UI)
    evaluates **Uniform   Resource   Identifiers** (**URIs**) attached to the
    metadata of a digital video signal bitstream (BSI) and uses the **URIs**
    to control a recorder (REC) and/or encoder/decoder (E/D). The
    audio/video data (AV) is recorded in files in the recorder and may pass
    through the encoder /decoder before recording or playback.
      DETAILED DESCRIPTION - The **parser** sends the metadata to the
    encoder/decoder
      and/or recorder according to the **URI** extension data entered by
    the user at the user interface. In playback mode, the encoder/
      decoder output is sent to a display (DIS) or as a bitstream (BSO)
      An INDEPENDENT CLAIM is also included for apparatus for
    automatically or electronically addressing data within a file.
      USE - For automatically **locating** and referencing content on
    digital multimedia storage media
      ADVANTAGE - The system enables referencing of **segments** of and
    entire multimedia files, and is Internet-compatible using **URI** coding
    over the Internet with simple human and computer-readable descriptions.
    The Internet domain name service is used to **locate** the content server
    device.
      DESCRIPTION OF DRAWING(S) - Audio/video data (AV)
      Bitstream (BSI, BSO)
      Display (DIS)
      Encoder/decoder (E/D)
       Parser (PAR)
      Recorder (REC)
      User interface (UI)
      pp; 8 DwgNo 1/1
Title Terms: AUTOMATIC; CONTENT; REFERENCE; SYSTEM; DIGITAL; VIDEO; RECORD;
  ADD; USER; GENERATE; INPUT; EXTEND; UNIFORM; RESOURCE; IDENTIFY; **STRING**
Derwent Class: T01; W04
International Patent Class (Main): G06F-007/00; G06F-012/00; **G06F-017/30** ;
  G11B-020/04
International Patent Class (Additional): H04N-005/76

014775947   **Image available**
WPI Acc No: 2002-596653/200264
   Web parsing **robot, web checker robot, and multimedia** search **system
   using the robot**
Patent Assignee: CHO W M (CHOW-I)
Inventor: CHO W M
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind Date   Applicat No   Kind   Date   Week
KR 2002019165 A   20020312 KR 200052294   A   20000905   200264 B

Priority Applications (No Type Date): KR 200052294 A 20000905
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
KR 2002019165 A   1 G06F-017/30

Abstract (Basic): KR 2002019165 A
        NOVELTY - A multimedia **search** system using a web **parsing** robot
    and a web checker robot is provided to enable the **parsing** robot to
    analyze internet **URLs** , the checker robot to read **URL** data from a
    DBMS, try to access the web site corresponding to the **URL** , and to
    store access results, namely existing a file or not in the web site,
    and to support various **search** operation on web pages, moving picture
    files, sound files or document files.
        DETAILED DESCRIPTION - The system comprises a web **parsing**
    robot(100), an access checker robot(300), and a multimedia **search**
    robot(500). The web page robot(100) includes a web server access
    module , a **URL** analysis **module** , an HTML tag analysis **module** , and
    a data storage **module** . The web server access **module** calls an API
    function, accesses a host by inputting an access **URL** , checks the
    access state, receives a response from an API server, and stores an IP,
    a header, contents variables transmitted from the server. The **URL**
    analysis **module** reads an FURL, VURL page of a link, gets a size of
    the VURL, analyzes the page link and stores an analysis result at an
    RDBMS. The HTML tag analysis **module** reads the **URL** of the link,
    processes conditions for each type of the analysis file, and stores the
    processing result at each database. The access checker robot(300) reads
    the **URL** data from the DBMS, tries to access the corresponding web
    site, and stores the access results, namely existing a file or not in
    the web site. The multimedia **search** robot(500) reads **search** words,
    searches for the words in a data table, outputs the **search** result,
    designates a template file corresponding to the **search** word for
    reading related words, and stores user informations and user designated
    search words in a database.
        pp; 1 DwgNo 1/10
Title Terms: WEB; **PARSE** ; ROBOT; WEB; CHECK; ROBOT; **SEARCH** ; SYSTEM;
   ROBOT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

014686190   **Image available**
WPI Acc No: 2002-506894/200254
XRPX Acc No: N02-401065
  Navigation system for dynamically generated HTML formatted report,
  parses intermediate file using report viewing program to generate
  requested report in response to particular URL sent to server
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: WONE M N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6393422	B1	20020521	US 98191518	A	19981113	200254	B

Priority Applications (No Type Date): US 98191518 A 19981113
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6393422	B1		12	G06F-017/30	

Abstract (Basic): US 6393422 B1
     NOVELTY - A menu generated by **parsing** intermediate files, is
associated with multiple **uniform   resource   locators** (**URLs**), so
that a browser (14) requests for a report by returning a **URL** selected
from the menu to a server (12). A report viewing program **parses** the
intermediate file to generate desired report based on the **URL** .
     USE - For navigating between dynamically generated HTML formatted
reports over Internet.
     ADVANTAGE - Enables quick viewing of the reports over Internet
without requiring repetitive computation. Occupies very less space in
the server by adding intermediate files that contain data statement
required for generation and viewing of reports. Provides efficient
 retrieval of different types of data from intermediate files and also
provides improved navigation between reports by dynamic updating of
 URL addresses.
     DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of
Internet/server/browser **component** arrangement.
     Server (12)
     Browser (14)
     pp; 12 DwgNo 2/7
Title Terms: NAVIGATION; SYSTEM; DYNAMIC; GENERATE; REPORT; INTERMEDIATE;
  FILE; REPORT; VIEW; PROGRAM; GENERATE; REQUEST; REPORT; RESPOND; SEND;
  SERVE
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

014644591   **Image available**
WPI Acc No: 2002-465295/200250
XRPX Acc No: N02-366788
   Database search **method on internet and intranet, involves triggering**
   parsing **of request** string **into** uniform   resource   locator **and**
   search   string **using generated error signal**
Patent Assignee: ONE-STOP.TO LTD (ONES-N)
Inventor: LING J R
Number of Countries: 094 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
GB 2368414	A	20020501	GB 200026285	A	20001027	200250	B
US 20020059192	A1	20020516	US 2000732947	A	20001208	200250	
WO 200235387	A1	20020502	WO 2001GB703	A	20010219	200250	
AU 200137537	A	20020506	AU 200137537	A	20010219	200257	
GB 2368414	B	20020911	GB 200026285	A	20001027	200268	
US 6526402	B2	20030225	US 2000732947	A	20001208	200323	

Priority Applications (No Type Date): GB 200026285 A 20001027
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2368414	A		25	G06F-017/30	
US 20020059192	A1			G06F-007/00	
WO 200235387	A1	E		G06F-017/30	

   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
   KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
   RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200137537	A			G06F-017/30	Based on patent WO 200235387
GB 2368414	B			G06F-017/30	
US 6526402	B2			G06F-017/30	

Abstract (Basic): GB 2368414 A
     NOVELTY - The method involves submitting a request **string** with a
   valid pointer having a **uniform   resource   locator** (**URL**) to a
   specified **search** engine, and a **search   string** for the specified
   data. The generated error signal is used to trigger the **parsing** of
   the request **string** into the **URL** and the **search   string** . The
   search   string is submitted to the **search** engine. The data from the
    search engine is passed back to a user.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
   computer program storing instructions for database **searching** .
     USE - For internet and intranet **searching** of database using
   search engine, for customer such as business and private use,
   government, children and adult. Also applicable to **search** for
   categorized information and for freestyle **searching** .
     ADVANTAGE - Permits **searching** in a fashion more seamless to the
   user. The database is quickly and easily **searched** in a fewer number
   of steps.
     DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram
   illustrating the database **searching** steps.
     pp; 25 DwgNo 2/4
Title Terms: DATABASE; **SEARCH** ; METHOD; TRIGGER; **PARSE** ; REQUEST; **STRING**
; UNIFORM; RESOURCE; **LOCATE** ; **SEARCH** ; **STRING** ; GENERATE; ERROR;
SIGNAL
Derwent Class: T01
International Patent Class (Main): G06F-007/00; **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

014376947   **Image available**
WPI Acc No: 2002-197650/200226
XRPX Acc No: N02-150170
Hyper-media resource search **engine has resource indexing** module
accessible from data network for creation and use of indexing base uses
hyper text links to associate dependent resource with principal resource
Patent Assignee: FRANCE TELECOM (ETFR); FRANCE TELECOM SA (ETFR)
Inventor: PLU M
Number of Countries: 096 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2807537	A1	20011012	FR 20004419	A	20000406	200226	B
AU 200148451	A	20011023	AU 200148451	A	20010403	200226	
WO 200177890	A1	20011018	WO 2001FR998	A	20010403	200228	
EP 1269355	A1	20030102	EP 2001921462	A	20010403	200310	
			WO 2001FR998	A	20010403		

Priority Applications (No Type Date): FR 20004419 A 20000406
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2807537	A1		16	G06F-017/30	
AU 200148451	A			G06F-017/30	Based on patent WO 200177890
WO 200177890	A1	F		G06F-017/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

EP 1269355	A1	F		G06F-017/30	Based on patent WO 200177890

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): FR 2807537 A1
     NOVELTY - An indexer (12) has means (20) for associating each
dependent resource with at least a principal resource as function of
hyper text links between dependent resources and principal resource.
Has also means for transferring copy of principal resource **descriptors**
to dependent resources associated with them. **Search** **module** (14)
has **filter** for resources indexed by **module** (12), by combined
processing of **descriptors** extracted by this resource and **descriptors**
transferred to it.
     DETAILED DESCRIPTION - **Search** engine has a server (2) including a
directory database (8), an indexation base (10), a indexing **module**
(12) for resources (4) accessible from a data network for creation and
use in the base (10). It has a **search** **module** (14) for resources on
the network connected to the indexation base (10) and to an access
terminal (6). The **search** **module** is designed to interrogate the
indexation base from a request formulated by a user and to provide in
response, the universal address **URL** of the resource corresponding to
the request. The indexation **module** (12) includes means for collecting
principal resources, from the directory database (8), means for
extracting dependent resources from principal resources and means for
indexing resources so as to extract from them **descriptors** .
     USE - For data **searching** .
     ADVANTAGE - Designed to improve the quality of responses so as to
better meet the needs of a user.
     DESCRIPTION OF DRAWING(S) - The drawings shows the general
structure of the **search** engine
          server (2)
          database (4)
          access terminal (6)
          directory database (8)
          indexation base (10)

indexation **module** (12)
            search **module** (14)
            pp; 16 DwgNo 1/1
Title Terms: HYPER; MEDIUM; RESOURCE; **SEARCH** ; ENGINE; RESOURCE; INDEX;
  MODULE ; ACCESS; DATA; NETWORK; CREATION; INDEX; BASE; HYPER; TEXT; LINK;
  ASSOCIATE; DEPEND; RESOURCE; PRINCIPAL; RESOURCE
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-017/40** ; H04L-012/28
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

014358502   **Image available**
WPI Acc No: 2002-179203/200223
XRPX Acc No: N02-136312
  **Internet/world-wide-web-based advertisement replacement system, has user
  terminal with a mechanism to replace the original advertising content
  with a new advertising content**
Patent Assignee: GRANIK J (GRAN-I); MEYERS R (MEYE-I); WATERVOORT F
  (WATE-I)
Inventor: GRANIK J; MEYERS R; WATERVOORT F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020010757	A1	20020124	US 99168877	P	19991203	200223	B
			US 2000728307	A	20001201		

Priority Applications (No Type Date): US 99168877 P 19991203; US 2000728307
  A 20001201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020010757	A1		10	G06F-015/16	Provisional application US 99168877

Abstract (Basic): US 20020010757 A1
      NOVELTY - The web browser (12) of a user terminal (13) receives
  web-based communications having original advertising content which
  includes a target **uniform   resource   locator** , with a **filter**
  mechanism identifying the original advertising content. The terminal
  also has a mechanism to replace the original content with a new
  advertising content.
      DETAILED DESCRIPTION - The new advertising content is determined
  based on a user profile information maintained by the system itself,
  the content including a **URL** content for enabling user access to a
  destination web site affiliated with advertisers providing the new
  advertising content. An INDEPENDENT CLAIM is also included for an
  Internet/world-wide-web-based advertisement replacement method.
      USE - For replacing advertising content on web-based communications
  received by users.
      ADVANTAGE - Provides a system implemented as a software application
  that can be downloaded by users of popular Internet web browsers to
  enhance and personalize their web browsing experience by replacing
  undesirable advertising content with new advertising or data content.
  Advantageous for viewers who may watch television on his or her home
  computer, when technology permits.
      DESCRIPTION OF DRAWING(S) - The figure is a diagram illustrating,
  at a high level, the **components** that cooperate to support the Ad
  Replacer system.
      Web browser (12)
      User terminal (13)
      pp; 10 DwgNo 1/1
Title Terms: WORLD; WIDE; WEB; BASED; ADVERTISE; REPLACE; SYSTEM; USER;
  TERMINAL; MECHANISM; REPLACE; ORIGINAL; ADVERTISE; CONTENT; NEW;
  ADVERTISE; CONTENT
Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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014057368   **Image available**
WPI Acc No: 2001-541581/200160
XRPX Acc No: N01-402510
   Parsing **method for script encoded in recursive scripting language,
   involves returning first hashtable to second command in script**
Patent Assignee: TIMMONS M (TIMM-I); ONEPAGE INC (ONEP-N)
Inventor: TIMMONS M
Number of Countries: 023 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200159623	A2	20010816	WO 2001US4331	A	20010208	200160	B
US 20010044810	A1	20011122	US 2000180994	A	20000208	200176	
			US 2000219156	A	20000719		
			US 2000246674	A	20001107		
			US 2001780993	A	20010208		

Priority Applications (No Type Date): US 2000246674 P 20001107; US
   2000180994 P 20000208; US 2000219156 P 20000719; US 2001780993 A 20010208
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200159623	A2	E	36	G06F-017/30	

   Designated States (National): CN GB JP KR US
   Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
   MC NL PT SE TR

US 20010044810	A1			G06F-015/00	Provisional application US 2000180994

                                   Provisional application US 2000219156
                                   Provisional application US 2000246674

Abstract (Basic): WO 200159623 A2
     NOVELTY - A first hashtable, in which a network resource is stored,
   is returned to a second command in a script, in which a first command
   is nested within to **parse** the second command. The network resource is
   retrieved corresponding to the **URN** from a wide area network.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following:
          (a) a **string   identifier** for electronic document **segment** ;
          (b) a **string   identifier   parsing** method;
          (c) an electronic document **searching** method;
          (d) a web content **retrieval** ;
          (e) and a computer network system.
     USE - For script encoded in recursive scripting language. For
   computer network.
     ADVANTAGE - Facilitates collection and distribution of information
   over computer network. Marks content distributed over network. Enables
   instant display of current information distributed over network.
   Enables customized aggregation of network content. Enables user to
   simultaneously view multiple web sites within single window. Simplifies
   search process. Improves quality of **search** result.
     DESCRIPTION OF DRAWING(S) - The figure shows the system
   architecture of an information **retrieval** system.
     pp; 36 DwgNo 5/8
Title Terms: **PARSE** ; METHOD; SCRIPT; ENCODE; RECURSIVE; LANGUAGE; RETURN;
   FIRST; SECOND; COMMAND; SCRIPT
Derwent Class: T01
International Patent Class (Main): **G06F-015/00** ; **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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012304868   **Image available**
WPI Acc No: 1999-110974/199910
XRPX Acc No: N99-080846
  **Homepage discrimination system for internet - transmits identification
  information, page description or URL information of homepage, that are
  stored in storing module in form of table, according to client
  requirement**
Patent Assignee: NEC SOFTWARE CHUBU LTD (NIDE)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10334113	A	19981218	JP 97146113	A	19970604	199910	B
JP 3056127	B2	20000626	JP 97146113	A	19970604	200035	

Priority Applications (No Type Date): JP 97146113 A 19970604
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10334113	A		6	G06F-017/30	
JP 3056127	B2		7	G06F-017/30	Previous Publ. patent JP 10334113

Abstract (Basic): JP 10334113 A
       NOVELTY - A management unit (3) receives inquiry from a client (1)
    and transmits a corresponding reply information to the client. A
    storing module (3-1) provided in the management unit stores a
    homepage divided into identification information, page description
    and URL information in the form of a table (3-3). Information
    corresponding to the client requirement is retrieved from the table
    and is transmitted to the client as a reply information.
       USE - In internet.
       ADVANTAGE - The time taken to access a specific page is reduced
    thus traffic of circuit is lowered. DESCRIPTION OF DRAWING(S) - The
    figure shows the block diagram of the homepage discrimination system.
    (1) Client; (3) Management unit; (3-1) Storing module ; (3-3) Table.
       Dwg.1/2
Title Terms: DISCRIMINATE; SYSTEM; TRANSMIT; IDENTIFY; INFORMATION; PAGE;
  DESCRIBE; INFORMATION; STORAGE; STORAGE; **MODULE** ; FORM; TABLE; ACCORD;
  CLIENT; REQUIRE
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): G06F-013/00
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

011901033   **Image available**
WPI Acc No: 1998-317943/199828
XRPX Acc No: N98-249538
  **HTML document interpretation system using URL in WWW - includes
  document type definition unit to define HTML document structure by
  defining link** component **with URL as attribute of link and** component
   identifier **as attribute value**
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 10116222   A   19980506 JP 97138919   A   19970528 199828 B

Priority Applications (No Type Date): JP 96218429 A 19960820
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 10116222   A   8 G06F-012/00

Abstract (Basic): JP 10116222 A
      The system specifies HyTime as the document description language.
  The **location** of the link is specified by **URL** in the HTML document.
  A document type definition unit defines the HTML document structure by
  defining the link **components** based on Hytime specification with **URL**
  as the attribute of the link **component** .
      The **component   identifier** is set as the attribute value. A
  parsing unit (1) interprets the HTML document based on the definition
  provided by the document type definition unit.
      ADVANTAGE - Avoids need for **filtering** and additional manual
  processing of HTML document.
      Dwg.3/8
Title Terms: DOCUMENT; INTERPRETATION; SYSTEM; DOCUMENT; TYPE; DEFINE; UNIT
 ; DEFINE; DOCUMENT; STRUCTURE; DEFINE; LINK; **COMPONENT** ; ATTRIBUTE; LINK
 ; **COMPONENT** ; IDENTIFY; ATTRIBUTE; VALUE
Index Terms/Additional Words: **HYPERMEDIA ;   TIME-BASED** ; STRUCTURED;
  LANGUAGE
Derwent Class: T01
International Patent Class (Main): G06F-012/00
International Patent Class (Additional): **G06F-017/21 ; G06F-017/30**
File Segment: EPI

13/5/23   (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011394480   **Image available**
WPI Acc No: 1997-372387/199734
XRPX Acc No: N97-309297
   **Computer-based dynamic information clipping service method for computer
   network e.g. internet - involves** querying **information repository using
   collected command-** strings **to generate** query **results and creating
   Hypertext Mark-up Language (HTML) page using sorted** query **results**
Patent Assignee: SILICON GRAPHICS INC (SILI-N)
Inventor: FERGUSON G J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5649186	A	19970715	US 95511832	A	19950807	199734	B

Priority Applications (No Type Date): US 95511832 A 19950807
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5649186	A		15		

Abstract (Basic): US 5649186 A
     The method involves permitting an end-user to create a template of
topics of interest via a graphical user interface. The template is
transmitted to a central site for processing. At the central site,
information relating to a particular base of knowledge is collected
using an infobot responsive to **Uniform Resource Locators** to
traverse hyperlinks associated with the base of knowledge.
     The information **parsed** and indexed. The **parsed** and indexed
information in are stored in an information repository. Command-
strings relating to the topics of interest found within the **parsed**
template are collected. The information repository is **queried** using
the collected command- **strings** to generate **query** results. The **query**
 results is sorted and a Hypertext Mark-up Language (HTML) page is
created using the sorted **query** results.
     ADVANTAGE - Provides accurate technique/service for accessing
information on internet with minimum level of user specificity and
involvement.
     Dwg.3/6
Title Terms: COMPUTER; BASED; DYNAMIC; INFORMATION; CLIP; SERVICE; METHOD;
  COMPUTER; NETWORK; INFORMATION; REPOSITORY; COLLECT; COMMAND; **STRING ;**
  GENERATE; **QUERY ;** RESULT; MARK; UP; LANGUAGE; PAGE; SORT; **QUERY ;**
  RESULT
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 347:JAPIO
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06839788   **Image available**
HOMEPAGE DISTRIBUTING DEVICE

PUB. NO.:   2001-067283 [JP 2001067283 A]
PUBLISHED: March 16, 2001 (20010316)
INVENTOR(s):   TAKEUCHI HIROSHI
APPLICANT(s): DOKOMO ENG KK
               TAKEUCHI HIROSHI
APPL. NO.:   11-239198 [JP 99239198]
FILED: August 26, 1999 (19990826)
INTL CLASS: G06F-013/00; **G06F-017/30** ; H04L-012/18; H04L-012/54;
               H04L-012/58; H04M-011/08

ABSTRACT
PROBLEM TO BE SOLVED: To extract a specific information from a homepage and
to make it distributable by e-mail at a specified time by **filtering** the
data of the homepage so that previously set conditions are met after
obtaining the data and mailing the **filtered** data to a reception terminal.

SOLUTION: A data input **part** 14 receives a read-in command from a control
 part 19. This command is composed of the **URL** and HTML file name of a
homepage. A data input **part** 14 receives homepage data from the **URL** . A
 filter   15, after performing preprocessing, extracts only necessary data
from the received data according to **retrieval** conditions stored in a
condition storage **part**   12. The data which are extracted by the **filter**
 15 so as to meet the **retrieval** conditions are sent to a text processing
 part 16 and processed so that the extracted data constitute an electronic
mail body, and the mail is sent from a mail transmission control **part** 18.

ABSTRACT
PROBLEM TO BE SOLVED: To provide a **URL   filtering** system for extracting
a **URL** without applying any load to a network.

SOLUTION: A proxy server operating device 24 judges repetition or
repetition refusal concerning an access based on the list of **URL** in a
proxy server setting storage **part** 34. At the time of processing start, a
cache log **retrieving** device 21 reads a **keyword** out of a **keyword**
storage **part** 31, reads the **URL** out of a cache log storage **part** 32
and **retrieves** the presence/absence of the **keyword** , and when there is
the **keyword** in the **URL** , the **URL** is stored in the proxy server setting
storage **part** 34. When the proxy server setting storage **part** 34 fails
the **retrieval** of the **keyword** , a cache data **retrieving** device 22 reads
out data, and in the case of HTML file, a cache data file name is
investigated. Then, the presence/absence of the **keyword** in the HTML data
is **retrieved** , and when there is the **keyword** , since the **URL** is stored
in the proxy server setting **part** 34, the **URL** can be extracted
without applying any load to the network.

```
Set     Items   Description
S1      23255   URL OR URN OR URLS OR URNS OR URI OR URIS OR DOI OR DOIS OR
                DIGITAL()OBJECT()IDENTIFIER? OR (UNIFORM OR UNIVERSAL)()RESO-
                URCE
S2      662242  PARSE? OR PARSING OR FILTER? OR DIVIDE? OR SPLIT? ? OR BRE-
                AK?
S3      1281018 PART? ? OR SEGMENT? OR FRAG OR FRAGMENT? OR COMPONENT? OR -
                MODULE? OR SECTOR? OR STRING?
S4      66999   IDENTIFIER? OR KEYWORD? OR KEYTERM? OR KEYPHRASE? OR DESCR-
                IPTOR? OR (INDEXED OR KEY)()(WORD? OR TERM? OR PHRASE? OR STR-
                ING?)
S5      1549800 SEARCH? OR SEEK? OR FIND? OR LOCAT? OR QUER? OR RETRIEV?
S6      163     S1(S)S2(S)S3(S)S4(S)S5
S7      15      S1(3N)S2(S)S3(S)S4(S)S5
S8      68      S1(10N)S2 AND S6
S9      3       S8 AND IC=G06F-015/16
S10     4       S8 AND IC=G06F-015?
S11     33      S1(10N)S2(10N)S3(S)S4(S)S5
S12     41      S7 OR S11 OR S10
S13     41      IDPAT (sorted in duplicate/non-duplicate order)
S14     41      IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2003/Aug W04
        (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030828,UT=20030821
        (c) 2003 WIPO/Univentio
```

14/5,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01028539   **Image available**
AUGMENTING DATA IN A DATABASE FOR PREDICTIVE MODELING
PROCEDE D'AUGMENTATION DE DONNEES DANS UNE BASE DE DONNEES DE MODELISATION
   PREDICTIVE
Patent Applicant/Assignee:
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Inventor(s):
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  ANDERSON Russel W, 5091 Summerhill Drive, Oceanside, CA 92057, US,
  LENDERMAN Jason, 5046 35th Street, San Diego, CA 92116, US,
  CAMERON Gordon, 704 Lincoln Drive, Brookhaven, PA 19015, US,
Legal Representative:
  GLENN Michael (et al) (agent), Glenn Patent Group, Ste. L., 3475 Edison
    Way, Menlo Park, CA 94025, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200358504 A1 20030717 (WO 0358504)
  Application: WO 2002US41507 20021227 (PCT/WO US0241507)
  Priority Application: US 200132843 20011227
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
  DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
  TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 13579

English Abstract
  A computerized method and/or apparatus for augmenting data in a source
  database is disclosed (Figure 1). The data to be augmented is obtained
  from a reference database (115) wherein data is stored in an unstructured
  format. An analyzer processes the unstructured data into sets of
  descriptors. A data mining component (140) and a predictive modeling
  component (125) utilize the data in the augmented database to identify or
  classify behaviors.

French Abstract
  L'invention concerne un procede et/ou appareil informatise d'augmentation
  de donnees dans une base de donnees source. Les donnees a augmenter sont
  obtenues a partir d'une base de donnees de reference (115) dans laquelle
  sont stockees des donnees sous un format non structure. Un analyseur
  traite ces donnees non structurees en ensembles de descripteurs. Un
  element d'exploration de donnees (140) et un element de modelisation
  predictive (125) utilisent les donnees dans la base de donnees accrue
  pour identifier ou classifier des comportements.

Legal Status (Type, Date, Text)
Publication 20030717 A1 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... proprietary data 130.

Figure 3 is one embodiment of a block diagram of the resource **locator** 110 shown in Figure 1. The resource, **locator** 110 receives the ...card transaction. Specific fields within the data record 105 are used by a Uniforrn Resource **Locator** (URL) **locator** 310 to create a set of possible URLs, or hyperlinks, embedded in the data record content, that may contain data describing the entity. The content **retrieved** from these URLs is then analyzed by a spider module 315 to create a 0...

...be discussed below with reference to Figure 5. The content from this larger set of **URLs** is reduced by a natural language **parsing** analyzer 320 to - 12 produce descriptions of the entity, e.g., merchant, described by the **URL** . A rules and measures **module** 325 is used to determine if sufficient data has been **located** about the entity. Data sufficiency is determined by measuring the total number of **keywords** and document content against a predefined threshold. If the rules and measures module 325 determines...

...as the final description for the entity. The document model contains a set of weighted **keyword** pairs. If there ...I will now be discussed with reference to Figure 7. The analyzer 125 creates merchant **descriptors** , for example lists of weighted words, from the content **retrieved** from merchant URLs. A merchant site is defined by a set of 2 0 URLs...

...content corresponding to the merchant site is parsed for text content by a strip text **module** 710, which will @e discussed below with reference to Figure 8. The text content is...and the corresponding word counts by an extract WO 03/058504 PCT/US02/41507 reduction **module** 720 is further explained with reference to Figure 10. The word counts are updated and each word is assigned a word weight based on the total number of **keywords** . The analyzer outputs a list of weighted **keywords** 730, Referring to Figure 8, one embodiment of the strip text **module** 710 of Figure 7 is described. HTML content 805 from the electronic page or **URL** 705 is **parsed** for text.

Of course, HTML is but one type of content that could have text stripped. The **parsing** is conducted in three parallel sub-processes. The first process 810 parses plain text from...

DIALOG(R)File 349:PCT FULLTEXT

00975326 **Image available**
METHOD AND SYSTEM FOR PERFORMING A PATTERN MATCH SEARCH FOR TEXT STRINGS
PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER UNE RECHERCHE D'APPARIEMENT DE FORMES DE CHAINES DE TEXTES
Patent Applicant/Assignee:
  INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, NY
    10504, US, US (Residence), US (Nationality)
  IBM UNITED KINGDOM LIMITED, P.O. Box 41, North Harbour, Portsmouth,
    Hampshire PO6 3AU, GB, GB (Residence), GB (Nationality), (Designated
    only for: MG)
Inventor(s):
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  DAMON Philippe, 1000 Smith Level Road, Apt. V8, Carrboro, NC 27510, US,
  DAVIS Gordon Taylor, 97603 Franklin Ridge, Chapel Hill, NC 27514, US,
  HEDDES Marco, 108 Saint Lenville Drive, Cary, NC 27511, US,
  JEFFRIES Clark Debs, 2806 H Bainbridge Drive, Durham, NC 27713, US,
Legal Representative:
  LITHERLAND David Peter (agent), IBM United Kingdom Limited, Intellectual
    Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, GB,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200305288 A2 20030116 (WO 0305288)
  Application: WO 2002GB2762 20020618 (PCT/WO GB0202762)
  Priority Application: US 2001898253 20010703
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06K-009/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6298

English Abstract
  A method and system is disclosed for performing a pattern match search
  for a data string having a plurality of characters separated by
  delimiters. A search key is constructed by generating a full match search
  increment comprising the binary representation of a data string element,
  wherein the data string element comprises all characters between a pair
  of delimiters. The search key is completed by concatenating a pattern
  search prefix to the full match search increment, wherein the pattern
  search prefix is a cumulative pattern search result of each previous full
  match search increment. A full match search is then performed within a
  lookup table utilizing the search key. In response to finding a matching
  pattern within the lookup table, the process returns to constructing a
  next search key. In response to not finding a matching pattern, the
  previous full match search result is utilized to process the data string.

French Abstract
  L'invention concerne un procede et un systeme permettant d'effectuer une
  recherche d'appariement de formes d'une chaine de donnees possedant une
  pluralite de caracteres separes par des delimiteurs. Une cle de recherche
  est construite par generation d'un increment de recherche a appariement
  total comprenant la representation binaire d'un element de la chaine de
  donnees, cet element comprenant tous les caracteres compris entre une

paire de delimiteurs. La cle de recherche est completee par enchainement
d'un prefixe de recherche de formes a l'increment de recherche
d'appariement total, ce prefixe etant un resultat de recherche de formes
cumulatif de chaque increment de recherche d'appariement total anterieur.
Une recherche d'appariement total est ensuite effectuee dans une table de
recherche par mise en oeuvre de la cle de recherche. En reponse au fait
d'avoir trouve une forme d'appariement dans la table de recherche, le
procede comprend une etape consistant a construire une cle de recherche
suivante. En reponse au fait de ne pas avoir trouve de forme
d'appariement, le resultat de recherche d'appariement total anterieur est
mis en oeuvre pour traiter la chaine de donnees.

Legal Status (Type, Date, Text)
Publication   20030116 A2 Without international search report and to be
                          republished upon receipt of that report.
Examination   20030213 Request for preliminary examination prior to end of
                          19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
...   a data
  processing network for parsing text strings.
  BACKGROUND OF THE INVENTION
  Parsing of text **strings** is a common processing task requiring
  significant processor cycles. Within a network environment, an example of
  such **parsing** tasks is the processing of **Universal   Resource
  Identifier**
  (**URI**) **strings** . A **URI** is a compact **string** of characters for
  identifying an
  abstract or physical resource. A URI can be further classified as a
   locator , a name, or both. A Universal Resource **Locator** (URL) is a
  type of URI string that identifies resources via a representation of
  their primary access mechanism (e.g., their network " **location** "). URL
  addresses serve as
  the global addresses utilized by Web browsers to access documents and...
  particular resource (such
  as a hypertext markup language file) on the server. Encoded within each
   URL address **string** is the Internet Protocol (IP) address of the
  destination server.

   Parsing of **URI** character **strings** , such as **URL** addresses, is often
  incorporated within pattern **searching** algorithms utilized by network
  processors. Such pattern **search** algorithms are utilized to **find** the
  longest matching binary sequence from a collection of stored binary
  strings. Specifically, such tasks require comparing an input **search**
  key
  to a data string that is stored in a database to **find** the longest
  match.

  The database that stores the data strings often includes a lookup table
  ...

14/5,K/6   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00925713   **Image available**
APPARATUS, METHOD AND SYSTEM FOR DIRECTORY QUALITY ASSURANCE
DISPOSITIF, PROCEDE ET SYSTEME SERVANT A ASSURER LA QUALITE D'UN REPERTOIRE
Patent Applicant/Inventor:
  SIDMAN David, 558 9th Street, Brooklyn, NY 11215, US, US (Residence), US
    (Nationality)
Legal Representative:
  HANCHUK Walter G (agent), Morgan & Finnegan, L.L.P., 345 Park Avenue, New
    York, NY 10154, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200259797 A1 20020801 (WO 0259797)
  Application: WO 2002US2321 20020125 (PCT/WO US0202321)
  Priority Application: US 2001264333 20010125; US 2001267875 20010208; US
    2001267899 20010209; US 2001268766 20010214; US 2001270473 20010221; US
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    2001328270 20011009; US 2001328274 20011009; US 2001328275 20011009
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
  RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
International Patent Class: **G06F-015/00** ; G06F-017/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 28726

English Abstract
  An apparatus, method and system to validate the integrity of a persistent
  identifier of information that may be located in multiple locations,
  formats, and accessible in variable fashions based on the context of use
  (135). The present disclosure further provides the ability to validate
  that the information being identified is valid for any given identifier.
  The present disclosure also teaches the ability to automatically generate
  tags that allows for the validation of both information and associated
  information identifiers either through validation and/or through
  registration. The invention teaches how to test and assure the quality of
  association between an identifier of information and the actual
  information. The invention details how to automatically correct poor
  quality references being used by identifiers, and/or provides
  notification escalation to aid in maintaining persistent identifier and
  information association (135).

French Abstract
  Dispositif, procede et systeme servant a valider l'integrite d'un
  identificateur d'information constant pouvant etre localise dans des
  emplacements multiples, se presenter en des formats multiples et qui est
  accessible de facon differente selon le contexte d'utilisation (135).
  L'invention concerne egalement la capacite de determiner que
  l'information en cours d'identification est valide pour tout
  identificateur donne. Elle concerne, de plus, la capacite de generation
  automatique d'etiquettes permettant de valider a la fois l'information et
  des identificateurs d'information associes, par l'intermediaire d'une
  validation et/ou d'un enregistrement. Elle concerne egalement un procede
  de controle et d'assurance de la qualite d'associations entre un
  identificateur d'information et l'information reelle. Elle demontre la
  maniere de corriger automatiquement des references de mauvaise qualite
  utilisees par des identificateurs et/ou transmet des indications

progressives afin de conserver l'association (135) de l'identificateur
constant et de l'information.

Detailed Description
...   2 (for example www.report.com/1999/Archives.html). In Figure 3, this
results in **breaking** 301-304 all the **URLs** 244 referencing the location
and produces the dreaded "404 file not found" error 309 for...collected
responses from the response collector 1717 and stores the collected ping
responses in the **DOI** database in a ping statistics table 119. The
parsed ping responses stored in the ping statistics table 119 may
contain ping times, latency values...

...from the DOI database 119. As the error processor 1719 obtains query
results from the **DOI** database detailing the ping - 60 errors, the error
processor may **parse** the errors, correct the errors, send users reports
of the errors, and/or escalate error...policies may be dynamically
updated.

Upon being instantiated into existence, the miner obtains an
apportionment **segment** for **DOIs** from a DQAS database 1903. In other
words, the miner obtains some portion of **DOIs** requiring validation from
a **DOI** table in a DQAS database 119. The portion may be established by
policies by the...

...embodiment, multiple threads, processes, and servers may all be
accessing the DQAS database simultaneously to **divide** up a potentially
large number of DON that require validation by the DQAS. In an
alternative embodiment, a single DQAS manages all validation of **DOIS** .
In one embodiment, the miner requests the **DOI** **identifier** , associated
resolution **location** (s), infon-nation tag **identifier** , and/or the like.
In another embodiment, ping statistics are also requested. The query
request...system request.

Upon being instantiated into existence, the error processor obtains an
1 5 apportiormient **segment** for DOls from a DQAS database 2303. In other
words, the error processor obtains some portion of **DOIs** requiring
validation from an error table in a DQAS database 119. The portion may be
...

...central DQAS may manage error processor so as to avoid repeated requests
of the same **DOIs** , deadlocks, and/or the like. In such an embodiment,
multiple threads, processes, and servers may all be accessing the DQAS
database simultaneously - 74 to **divide** up a potentially large number of
ping responses that require **parsing** by the error processor. In an
alternative embodiment, a single DQAS manages all validation of DOls. In
an alternative embodiment, a single DQAS manages all validation of **DOIs**
. In one embodiment, the error processor requests the **DOI** **identifier** ,
associated resolution **location** , information tag **identifier** , and/or
the like. In another embodiment, ping statistics are also requested. The
query request...

...order by pinger, then by host, then by contact, then by error type, then
by **DOI** , and then by **DOI** **location** 2304.

Upon obtaining the sorted que

14/5,K/11   (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00857226   **Image available**
REMOTE FUNCTION INVOCATION WITH MESSAGING IN A DISTRIBUTED COMPUTING ENVIRONMENT
APPEL DE FONCTION A DISTANCE AU MOYEN DE MESSAGES DANS UN ENVIRONNEMENT INFORMATIQUE DISTRIBUE

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  ABDELAZIZ Mohamed M, 78 Cabot Ave., Santa Clara, CA 95051, US,
Legal Representative:
  KOWERT Robert C (agent), Conley, Rose & Tayon, P.C., P.O. Box 398,
    Austin, TX 78767-0398, US,

English Abstract
  An interface between clients and services in a distributed computing
  environment is described. Method gates may provide an interface to
  remotely invoke functions of a service. A method gate may be generated
  from an advertisement that may include definitions for one or more
  messages for remotely invoking functions of the service. A client may
  generate messages containing representations of method calls. The service
  may invoke functions that correspond to the set of messages. A method
  gate on the service may unmarshal the message and invoke the function.
  The client may receive the results of the function directly.
  Alternatively, the results may be stored, an advertisement to the results
  may be provided, and a gate may be generated to access the results.
  Message gates may perform the sending and receiving of the messages
  between the client and service. In one embodiment, functions of the
  service may be computer programming language (e.g. Java) methods. In one
  embodiment, a message including a representation of a method call may be
  generated when no actual method call was made. In one embodiment, a
  method call may be transformed into messages that may be sent to the
  service; the service may not know that the messages were generated from a
  method call. In one embodiment, a service may transform messages
  requesting functions into method calls; the client may not know that the
  service is invoking methods to perform the functions.

French Abstract
  L'invention concerne une interface entre des clients et des services dans

un environnement informatique distribue. Des grilles de methodes peuvent fournir une interface pour appeler a distance des fonctions d'un service. Une grille de methode peut etre generee a partir d'une annonce pouvant contenir des definitions d'un ou de plusieurs messages afin d'appeler a distance des fonctions du service. Un client peut generer des messages contenant des representations d'appels de methode. Le service peut appeler des fonctions qui correspondent a l'ensemble de messages. Une grille de methode sur le service peut decoder le message et appeler la fonction. Le client peut recevoir les resultats de la fonction directement. Les resultats peuvent eventuellement etre stockes, une annoce des resultats peut etre produite et une grille peut etre generee pour acceder aux resultats. Des grilles de message peuvent emettre et recevoir les messages entre le client et le service. Dans un mode de realisation, les fonctions du service peuvent etre des methodes de programmation de langage informatique (p. ex. Java). Dans un autre mode de realisation, un message contenant une representation d'un appel de methode peut etre genere lorsqu'aucun appel de methode reel n'est effectue. Dans un autre mode de realisation encore, un appel de methode peut etre transforme en messages pouvant etre envoyes au service. Le service peut ignorer que les messages etaient generes a partir d'un appel de methode. Dans un autre mode de realisation enfin, un service peut transformer des messages necessitant des fonctions en appels de methode. Le client peut ignorer que le service appelle des methodes pour executer des fonctions.

Fulltext Availability:
  Detailed Description

Detailed Description
... described above, a space may be an XML-based Website, and as such may be **searched** via Intemet Web **search** mechanisms. A space may include Intemet **searchable** **keywords** . Some devices, such as small client devices, may not support an Intemet browser. However, such devices may still perform Internet **searches** for spaces within the distributed computing environment. A device may have a program that accepts strings of **keywords** , which may be sent to a proxy program on a server (e.g. a **search** service). The proxy may send the strings to a browser-based **search** facility (e.g. an internet **search** facility) to perforin the **search** . The proxy may receive the output of the **search** and **parse** (inverted exclamation mark)t into **strings** (e.g. XYL **strings**) representing each **URI** for the **search** results and send the response **strings** back to the client. Thus, a client may **locate** spaces through the Intemet without having to support a program such as a Web browser. More capable devices may avoid the use of a proxy and. initiate an Internet-based **search** service directly.

A fotirth way a client may locate a space is by obtaining or...

00852848   **Image available**
MECHANISM AND APPARATUS FOR WEB-BASED SEARCHING OF URI-ADDRESSABLE REPOSITORIES IN A DISTRIBUTED COMPUTING ENVIRONMENT
PROCEDE ET DISPOSITIF DE RECHERCHE DANS LE WEB DE SERVICES D'ARCHIVE ADRESSABLES PAR URI DANS UN ENVIRONNEMENT D'INFORMATIQUE DISTRIBUEE

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    94109, US,
  ABDELAZIZ Mohamed M, 78 Cabot Avenue, Santa Clara, CA 95051, US,
Legal Representative:
  KOWERT Robert C (agent), Conley, Rose & Tayon, P.C., P.O. Box 398,
    Austin, TX 78767-0398, US,

English Abstract
  A system and method for searching for Internet-based repositories within
  a distributed computing environment are provided. A client on a device
  may interact with a search service on the same or a different device to
  find spaces (i.e., network-accessible XML object repositories) for
  storage and/or retrieval of data. The client may send an XML search
  request to the search service. The search request may include one or more
  desired characteristics, such as keywords, which are sought of a space.
  Based upon the search request, the search service may generate search
  results including locations (e.g., URIs) of one or more resulting spaces.
  The spaces may include web pages. In generating the search results, the
  search service may interact with a network-accessible third-party search
  engine, such as a browser-accessible search engine. The search service
  may obtain a service advertisement for each of the resulting spaces. Each
  service advertisement includes information which is usable to access the
  respective space. The search service may send the search results,
  including the advertisements and/or URIs, to the client to enable the
  client to access the resulting spaces at their respective locations. The
  search service may store the search results in a results space and send
  the address of the results space to the client.

French Abstract
  La presente invention concerne un systeme et un procede permettant de
  rechercher des services d'archives accessibles par Internet dans un

environnement d'informatique distribuee. Un client sur in appareil peut
interagir avec un service de recherche sur le meme appareil ou un
appareil different de facon a trouver des espaces, c'est a dire des
archives d'objets XML accessibles par reseau, a des fins de stockage
et/ou de stockage de donnees. Le client peut envoyer au service de
recherche une requete de recherche XML. La requete de recherche peut
comporter une ou plusieurs caracteristiques desirees, telles que des mots
cles, qui sont recherches dans un espace. Sur la base de la requete de
recherche, le service de recherche peut generer des resultats de
recherche incluant des emplacements, par exemple des identificateurs URI,
d'un ou de plusieurs espaces resultants. Ces espaces peuvent inclure des
pages web. En generant les resultats de recherche, le service de
recherche peut interagit avec un moteur de recherche tiers accessible par
reseau, tel qu'un moteur de recherche accessible par navigateur. Le
service de recherche peut aboutir a une annonce de service pour chacun
des espaces resultants. Chaque annonce de service comporte une
information qui est utilisable pour acceder a l'espace considere. Le
service de recherche peut envoyer au client des resultats de recherche,
y-compris les annonces et/ou les identificateurs URI, pour permettre au
client d'acceder aux espaces resultants en leurs differents emplacements.
Le service de recherche peut stocker les resultats de recherche dans un
espace de resultats et envoyer au client l'adresse de l'espace des
resultats.

Legal Status (Type, Date, Text)
Publication   20011115 A2 Without international search report and to be
                          republished upon receipt of that report.
Examination   20020214 Request for preliminary examination prior to end of
                          19th month from priority date
Search Rpt   20030130 Late publication of international search report
Republication 20030130 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... more detail below.

   14
   A discovery service may be provided for clients as a general **search**
   facility that may be used by a client to **locate** a particular space.
   Rather than attempt to define a complicated **search** protocol which may
   not be feasible for a thin client to implement, the discovery service may
   offload the actual **search** to XML-based **search** facilities, leaving the
   discovery service siniply to provide interface functionality to the
   client. The approach...

...service receives a string spec(inverted exclamation mark)fy(inverted
   exclamation mark)ng something to **locate** , and it sends an XMI, message
   to a known discovery front-end (perhaps found in...

...default space), which then parses the string and makes a corresponding
   XMI, query to a **search** facility (which may be an internet **search**
   facility). The discovery front-end may **parse** what it obtains from the
   search facility and repackage it as an array of **strings** (each **string**
   may be a **URI** for each found space) which it may send in an XMI, message
   to the client...

...inverted exclamation mark)t possible for the client to discover spaces
   without a browser or **search** facility on the client. The client only
   necds a simple facility that sends a string that specifies **keywords** to
   the front-end, which interfaces with a **search** facility.

   A client may be any platform that can send a message using at least...
   facility) to perfonn the search. The proxy may receive the output of the
   search and. **parse** (inverted exclamation mark)t into **strings** (e.g. XML
   strings) representing each **URI** for the **search** results and.
   send the response **strings** back to the client. Thus, a client may

14/5,K/13   (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00852847   **Image available**
METHOD AND APPARATUS FOR PROXIMITY DISCOVERY OF SERVICES
PROCEDE ET APPAREIL POUR DECOUVRIR LA PROXIMITE DE SERVICES
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  Patent: WO 200186486 A2-A3 20011115 (WO 0186486)
  Application: WO 2001US15099 20010509 (PCT/WO US0115099)
  Priority Application: US 2000202975 20000509; US 2000208011 20000526; US
    2000209430 20000602; US 2000209140 20000602; US 2000209525 20000605; US
    2000656588 20000907
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-009/50
International Patent Class: G06F-017/30; G06F-009/46
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 64154

English Abstract
  A service discovery protocol may allow clients to discover services on a
  proximity basis. A service device that provides one or more computing
  services may support a proximity communication link. A client device may
  form a proximity communication link with the service device. The client
  device may directly request from the service device a document that
  describes an interface to access a service provided by the service
  device. The service device may provide the document directly to the
  client device over proximity communication link. The document may include
  a service advertisement for the service, and the service advertisement
  may include a schema specifying an interface to at least a portion the
  service. The client device may use the information from the document to
  access the service. The client device may support a transport connection
  in addition to the proximity communication link, and the client device
  may make the document available to other devices over the transport
  connection. Thus, the client device may provide a bridge from the
  transport connection to the proximity communication link so that other
  devices from a distributed computing environment may access the service.

French Abstract
  Un protocole de decouverte de services permet aux clients de decouvrir
  des services sur une base de proximite. Un dispositif de services
  fournissant un ou plusieurs services informatiques sert de support a un
  lien de communication de proximite. Un dispositif client cree un lien de
  communication de proximite avec le dispositif de services. Le dispositif

client demande directement au dispositif de services un document qui
decrit une interface pour acceder a un service fourni par le dispositif
de services. Ce dernier fournit le document directement au dispositif
client via le lien de communication de proximite. Le document comporte
une publicite sur le service, publicite qui presente un schema specifiant
une interface vers au moins une partie dudit service. Le dispositif
client utilise l'information dudit document pour acceder au service. Ce
dispositif client sert de support, en plus du lien de communication de
proximite, a une connexion de transport, par l'intermediaire de laquelle
il met le document a disposition d'autres dispositifs. Ainsi, le
dispositif client etablit un pont entre la connexion de transport et le
lien de communication de proximite, de sorte que d'autres dispositifs
appartenant a un environnement informatique distribue peuvent acceder
audit service.

Legal Status (Type, Date, Text)
Publication   20011115 A2 Without international search report and to be
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Search Rpt   20021121 Late publication of international search report
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Republication 20021121 A3 Before the expiration of the time limit for
                        amending the claims and to be republished in the
                        event of the receipt of amendments.
Examination   20030612 Request for preliminary examination prior to end of
                        19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
... described above, a space may be an XM1-based Website, and. as such may
  be **searched** via Internet Web **search** mechanisms. A space may include
  Internet **searchable keywords** . Some devices, such as small client
  devices, may not support an Internet browser. However, such devices may
  still perform Internet **searches** for spaces within the distributed
  computing enviromnent. A device may have a program that accepts strings
  of **keywords** , which may be sent to a proxy program on a server (e.g. a
  search service). The proxy may send the strings to a browser-based
  search facility (e.g. an internet **search** facility) to perform the
  search . The proxy may receive the output of the **search** and **parse** it
  into **strings** (e.g. XMI **strings**) representing each **URI** for the
  search results and send the response **strings** back to the client. Thus,
  a client may **locate** spaces through the Intemet without havincr to
  support a program such as a Web browser. More capable devices may avoid
  the use of a proxy and initiate an Internet-based **search** service
  directly.

  A fourth way a client may locate a space is by obtaining or...

14/5,K/14   (Item 14 from file: 349)
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00852812   **Image available**
MIGRATING PROCESSES USING DATA REPRESENTATION LANGUAGE REPRESENTATIONS OF THE PROCESSES IN A DISTRIBUTED COMPUTING ENVIRONMENT
PROCEDE DE MIGRATION AU MOYEN DE REPRESENTATION DE LANGAGE DE REPRESENTATION DE DONNEES DE PROCEDES DANS UN ENVIRONNEMENT INFORMATIQUE DISTRIBUE
Patent Applicant/Assignee:
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  TRAVERSAT Bernard A, 2055 California St., Apt. 402, San Francisco, CA
    94109, US,
Legal Representative:
  KOWERT Robert C (agent), CONLEY, ROSE & TAYON, P.C., P.O. Box 398,
    Austin, TX 78767-0398, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200186440 A2-A3 20011115 (WO 0186440)
  Application: WO 2001US15132 20010509 (PCT/WO US0115132)
  Priority Application: US 2000202975 20000509; US 2000208011 20000526; US
    2000209430 20000602; US 2000209140 20000602; US 2000209525 20000605; US
    2000663564 20000915
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-009/50
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 71445

English Abstract
  A data representation language representation of the state of a process
  executing on a client or service in a distributed computing environment
  may be created. The representation may include a computation state of the
  device and/or virtual machine on which the process is executing, wherein
  the computation state of the device and/or virtual machine comprises
  information about the execution state of the process on the device and/or
  virtual machine. A process state may include, but is not limited to:
  threads, all objects referenced by the threads, transient variables
  created during the execution of the process, objects and their data, etc.
  In one embodiment, data describing one or more leases representing grants
  of access to external services, obtained from spaces by the process, may
  also be stored with the process state. The data representation language
  representation of the state of a process may be moved from node to node
  within the distributed computing environment. The representation of the
  state of a process may also be stored as a data representation language
  object in a store mechanism, and later retrieved from the store mechanism
  to resume the process execution on the same node or on a different node
  in the distributed computing environment. In one embodiment, an object
  compilation/decompilation process may be used in creating the
  representation of the state of a process and in regenerating the state of
  the process by decompiling the representation of the state of the
  process.

French Abstract

L'invention concerne la creation d'une representation de langage de
representation de donnees de l'etat d'un procede s'executant sur un
client ou un service dans un environnement informatique distribue. Cette
representation peut comprendre un etat de calcul d'un dispositif et/ou
d'une machine virtuelle sur lesquels s'execute le procede, l'etat de
calcul du dispositif et/ou de la machine virtuelle comprenant des
informations relatives a l'etat d'execution du procede sur ledit
dispositif et/ou ladite machine virtuelle. Un etat de procede peut
comprendre notamment des fils, tous les objets references par lesdits
fils, des variables transitoires creees pendant l'execution dudit
procede, des objets et leurs donnees, etc. Selon un mode de realisation,
des donnees decrivant au moins une autorisation d'acces aux services
exterieurs representant des baux obtenus a partir d'espaces au moyen du
procede peuvent egalement etre stockees dans l'etat du procede. La
representation de langage de representation de donnees de l'etat du
procede peut etre deplacee d'un noeud a un autre noeud dans
l'environnement informatique distribue. La representation de l'etat d'un
procede peut egalement etre stockee sous forme d'un objet de langage de
representation de donnees dans un mecanisme de stockage, et extraite
ulterieurement dudit mecanisme afin de recommencer l'execution du procede
sur le meme noeud ou sur un noeud different de l'environnement
informatique distribue. Selon un autre mode de realisation, un procede de
compilation/decompilation d'objet peut etre utilise par creation de la
representation de l'etat d'un procede et regeneration dudit etat du
procede.

Legal Status (Type, Date, Text)
Publication   20011115 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20020131 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20030313 Late publication of international search report
Republication 20030313 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
...   facility) to perform the search. The proxy may receive the output of
  the search and **parse** it into **strings** (e.g. XMI, **strings**)
  representing each **URI** for the **search** results and send the response
  strings back to the client. Thus, a client may **locate** spaces through
  the Internet without having to support a program such as a Web browser.
  More capable devices may avoid the use of a proxy and initiate an
  Intemet-based **search** service directly.
  A fourth way a client may locate a space is by obtaining or...

14/5,K/18   (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00852800   **Image available**
DYNAMIC DISPLAY OBJECTS IN A DISTRIBUTED COMPUTING ENVIRONMENT
AFFICHAGES DYNAMIQUES DANS UN ENVIRONNEMENT D'INFORMATIQUE DISTRIBUEE

Patent Applicant/Assignee:
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Inventor(s):
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    Francisco, CA 94109, US,
  ABDELAZIZ Mohamed M, 78 Cabot Avenue, Santa Clara, CA 95051, US,
Legal Representative:
  KOWERT Robert C (agent), Conley, Rose & Tayon, P.C., P.O. Box 398,
    Austin, TX 78767-0398, US,

English Abstract
  A mechanism for describing dynamic display objects in a distributed
  computing environment is described. A service in a distributed computing
  environment may generate results data for a client in response to client
  requests. The service may provide schemas describing the presentation
  characteristics of results data. The schemas may include information for
  use in presenting the results data. The results data may include data
  elements, and the presentation schema may include presentation elements
  each including information describing the presentation characteristics of
  one or more of the data elements. The client may map data elements to
  corresponding presentation elements from the schema, and may use the
  element corresponding to a data element to present the data element.
  Using the dynamic display objects, display behavior may be altered
  without having to rebuild code.

French Abstract
  La presente invention concerne un mecanisme de description d'objets
  d'affichage dynamique dans un environnement d'informatique distribuee. Un
  service dans un environnement d'informatique distribuee peut generer des
  donnees de resultats pour un client en reponse a des requetes du client.
  Le service peut fournir des schemas decrivant les caracteristiques de
  presentation des donnees de resultats. Ces schemas peuvent comporter de
  l'information s'utilisant pour la presentation des donnees de resultats.
  Les donnees de resultats peuvent inclure des elements de donnees, et les
  schemas de presentation peuvent inclure des elements de presentation
  incluant chacun de l'information decrivant les caracteristiques de

presentation de l'un au moins des elements de donnees. Le client peut
definir des liaisons entre elements de donnees et les elements de
presentation correspondants issus du schema, et il peut utiliser
l'element correspondant a un element de donnees pour presenter l'element
de donnees. L'utilisation d'objets d'affichage dynamique permet de
modifier un comportement a l'affichage sans avoir a reconstruire de code.

Legal Status (Type, Date, Text)
Publication   20011115 A2 Without international search report and to be
                         republished upon receipt of that report.
Examination   20020214 Request for preliminary examination prior to end of
                         19th month from priority date
Search Rpt   20030123 Late publication of international search report
Republication 20030123 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... described above, a space may be an XML-based Website, and as such may
     be **searched** via Intemet Web **search** mechanisms. A space may include
     Intemet **searchable** **keywords** . Some devices, such as small client
     devices, may not support an Intemet browser. However, such devices may
     still perfonn Intemet **searches** for spaces within the distributed
     computing envirotunent. A device may have a program that accepts strings
     of **keywords** , which may be sent to a proxy program on a server (e.g. a
     search service). The proxy may send the strings to a browser-based
     search facility (e.g. an internet **search** facility) to perforin the
     search . The proxy may receive the output of the **search** and **parse** it
     into **strings** (e.g. XMI, **strings**) representing each **URI** for the
     search results and send the response **strings** back to the client. Thus,
     a client may **locate** spaces through the Intemet without having to
     support a program such as a Web browser. More capable devices may avoid
     the use of a proxy and initiate an Intemet-based **search** service
     directly.

     A fourth way a client may locate a space is by obtaining or...

DIALOG(R)File 349:PCT FULLTEXT
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00785158   **Image available**
INFORMATION ACQUISITION METHOD IN INTERNET AND COMPUTER READABLE MEDIUM FOR
    STORING PROGRAM FOR CARRYING OUT THE METHOD
PROGRAMME PERMETTANT D'EXTRAIRE DES INFORMATIONS DONNEES PAR INTERNET ET
    SUPPORT LISIBLE SUR ORDINATEUR POUR MISE EN OEUVRE DE LA METHODE
Patent Applicant/Inventor:
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    Yongsan-gu, Seoul 140-041, KR, KR (Residence), KR (Nationality)
  CHOI Tae-Seung, 1-402 Heungjin-shibum Apt., 84-31 Hwagok-dong,
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    (Designated only for: US)
Legal Representative:
  KWON Yong-Nam (agent), Yegun Building, 4th floor, 823-42 Yeoksam-dong,
    Gangnam-gu, Seoul 135-080, KR,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200118686 A1 20010315 (WO 0118686)
  Application: WO 2000KR857 20000803 (PCT/WO KR0000857)
  Priority Application: KR 9931868 19990803
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
  SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: G06F-017/30
Publication Language: English
Filing Language: Korean
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 6134

English Abstract
  Method for acquiring information, from Internet, specifically required by
  a user among plurality of categories set by the user. The method of the
  present invention is carried out by a program (54) executable in a data
  terminal, which is equipped with a display (40) and a data storage (22)
  and is capable of being connected to Internet to receive and show web
  pages on the display (40). The program user may selectively activate some
  of a plurality of channels, of which buttons are arranged in a control
  panel similar to a remote controller. Before the data acquisition of a
  channel by activating thereof, the user may preset the URL of at least
  one external Internet server. In a state where the data terminal is
  connected to the Internet, the program transmits data request messages
  including the preset URL's to the preset Internet servers. The program
  receives a plurality of web pages from the Internet servers to store the
  web pages in the storage (22). The user may view the web pages stored in
  the storage regardless of the data terminal's connection to the Internet.

French Abstract
  Cette invention concerne un procede d'acquisition d'informations
  diffusees par Internet que recherche specifiquement un utilisateur. Ce
  procede fait intervenir un programme (54) pouvant etre mis en oeuvre sur
  un terminal de donnees qui comprend un ecran (40) et un dispositif de
  stockage de donnees (22) et qui peut etre connecte a Internet en vue de
  la reception de donnees et de leur affichage sur l'ecran (40).
  L'utilisateur du programme peut solliciter selectivement un ou plusieurs
  canaux au moyen de boutons disposes sur un panneau de commande a la
  maniere de ceux d'une telecommande. Avant sollicitation d'un canal pour
  l'acquisition de donnees, l'utilisateur peut preregler le localisateur
  URL d'au moins un serveur Internet exterieur. Lorsque le terminal de
  donnees est connecte a Internet le programme transmet les messages de

demande de donnees, y compris le localisateur URL, aux serveurs Internet preregles. Il recoit des serveurs Internet une pluralite de pages web qui sont stockees dans le dispositif (22). L'utilisateur peut visualiser les pages stockees en (22), que le terminal de donnees soit ou non connecte a Internet.

Legal Status (Type, Date, Text)
Publication 20010315 A1 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
... display device.

  A main control module 302 controls the overall operation of the program. A **search** module 304 **searches** and downloads information of the channel set by the user under the control of the...

...the news article, the downloaded results are stored in the hard disk 22 after the **URL** linking information is changed by the **parsing module** 308. Tables 3 1 0 stores the user preset data such as channel inforination, **URLs** of each channel, the **search keyword** for the news channel, and a reservation time or period for the automatic **searching** . Such tables may be stored in the hard disk 22.

  Although the present invention has...

14/5,K/36   (Item 36 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00747899   **Image available**
METHOD AND APPARATUS FOR CONTROLLING BROWSER FUNCTIONALITY IN THE CONTEXT
    OF AN APPLICATION
PROCEDES ET APPAREIL DE COMMANDE DE LA FONCTION DE SURVOL DANS LE CONTEXTE
    D'UNE APPLICATION
Patent Applicant/Assignee:
  KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
    Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
  MOSHFEGHI Mehran, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
Legal Representative:
  HOEKSTRA Jelle (agent), Internationaal Octrooibureau B.V., Prof Holstlaan
    6, NL-5656 AA Eindhoven, NL,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200060488 A2-A3 20001012 (WO 0060488)
  Application: WO 2000EP2793 20000329 (PCT/WO EP0002793)
  Priority Application: US 99281393 19990330
Designated States: JP
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class: G06F-017/30
International Patent Class: H04L-029/06
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 13241

English Abstract
  This invention includes methods and apparatus for browsing markup
  language documents from within the context of a client-server application
  running on an end-user device. Browser functionality, which is
  configured according to user profile information specifying each user's
  authorization and preferences, is embedded in the application, and can be
  activated by application controls. While some users have unrestricted
  authorization and access, others are restricted to certain browser
  functions and to certain allowed network resources. This restriction is
  enforced by preventing the browser functionality from generating network
  addresses that are not on a list of allowed network addresses also
  present in the user profile information. Network access restriction is
  achieved, in part, by filtering markup language documents before display
  to delete linking information that is not allowed. Document filtering
  methods are presented for Hypertext Markup Language (HTML) and Extensible
  Markup Language (XML) documents. The document filtering methods are
  extendable to additional markup languages.

French Abstract
  L'invention concerne des procedes et un appareil permettant de survoler
  des documents de langage de balisage a partir du contexte d'une
  application client-serveur tournant sur un dispositif d'utilisateur
  final. La fonction de survol, qui est configuree en fonction des
  informations de profil utilisateur specifiant chaque autorisation
  d'utilisateur et ses preferences, est incorporee dans l'application, et
  peut etre activee par des commandes d'application. Alors que certains
  utilisateurs disposent d'une autorisation et d'un acces sans
  restrictions, d'autres disposent d'un acces reduit a certaines fonctions
  de survol, et a certaines ressources de reseau autorisees. Cette
  restriction est mise en oeuvre lorsqu'on empeche la fonction de survol de
  generer des adresses reseau qui ne se trouvent pas sur une liste
  d'adresses reseau autorisees egalement presentes dans les informations de
  profil utilisateur. On reduit l'acces au reseau, en partie, par filtrage
  des documents de langage de balisage avant affichage, afin de supprimer
  les informations de liaison qui ne sont pas autorisees. Les procedes de
  filtrage de documents sont presentes pour des document HTLM (Hypertext

Markup Language) et des documents XML (Extensible Markup Language). On
peut etendre ces procedes de filtrage de document a des langages de
balisage supplementaires.

Legal Status (Type, Date, Text)
Publication   20001012 A2 Without international search report and to be
                          republished upon receipt of that report.
Search Rpt   20010412 Late publication of international search report
Republication 20010412 A3 With international search report.

Fulltext Availability:
  Detailed Description

Detailed Description
...   Thus, when an absolute URI is resolved from a relative URI in linking
    information found, **fragment   identifiers** (e.g., #section4) are
    deleted, or ignored, before comparison to the allowed **URI** list. If the
    comparison shows that the **URI** is allowed, then the **fragment
    identifier   part** in the **filtered** documents is used to access the
    desired **location** within the document.

    Accordingly, the allowed **URI** list need not maintain representation of
    allowed **fragment** identifiers. In other words, access granularity
    according to this invention is at the level of...

 14/5,K/37   (Item 37 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00497715   **Image available**
HTTP INTERFACE TO ELEMENT MANAGER INFRASTRUCTURE
INTERFACE HTTP AVEC UNE INFRASTRUCTURE DE GESTION D'ELEMENTS
Patent Applicant/Assignee:
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  KADAR Vincent,
  DUIMOVICH Frank,
  TURNER Robert,
Inventor(s):
  KADAR Vincent,
  DUIMOVICH Frank,
  TURNER Robert,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9929067 A1 19990610
  Application: WO 98CA1113 19981201   (PCT/WO CA9801113)
  Priority Application: CA 2223123 19971201
Designated States: CA JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
  PT SE
Main International Patent Class: H04L-012/24
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 2051

English Abstract
  An element Manager Infrastructure in the TMN model has an interface,
  preferablyan an http interface, to a web browser. The interface in
  association with an http parser creates html pages on the fly.

French Abstract
  Une infrastructure de gestion d'elements dans le modele de reseau de
  gestion de telecommunications (TMN) possede une interface, de preference,
  une interface http, avec un explorateur Web. Cette interface associee a
  un analyseur http cree des pages html a la volee.

Fulltext Availability:
  Detailed Description

Detailed Description
... are reusable.

  An HTTP - Substitution object exists as entries in a dictionary, each
  with their **identifier** and data portion. The substitution object helps
  with **parsing** the request and formulating the response.

  SUBSTITUTE SHEET (RULE 26)
  The HTTP- **URI** object represents the **Uniform   Resource   Identifier** ,
  also
  commonly referred to Unifon--n Resource **Locator** (**URL**). This object
  returns information with respect to a **URI   string   parsing** its
  contents and **retrieving** information such as absolute path, net path,
  host, port, etc.

  The HTTP-Header object models...

 14/5,K/39   (Item 39 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00422420   **Image available**
METHOD AND SYSTEM FOR NETWORK INFORMATION ACCESS
PROCEDE ET SYSTEME PERMETTANT D'ACCEDER A DES INFORMATIONS SUR DES RESEAUX
Patent Applicant/Assignee:
  NETBOT INC,
Inventor(s):
  CHRISTIANSON David,
  DOORENBOS Robert B,
  ETZIONI Oren,
  KWOK Chung,
  LAUCKHART Gregory,
  SELBERG Erik,
  WELD Daniel S,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9812881 A2 19980326
  Application: WO 97US17132 19970922 (PCT/WO US9717132)
  Priority Application: US 9625304 19960920
Designated States: AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL
  IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK
  SL TJ TM TR TT UA UZ VN YU GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU
  TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
  CM GA GN ML MR NE SN TD TG
Main International Patent Class: G06F-007/00
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 17554

English Abstract
  This invention provides assistance to a user (1) in accessing network
  attached information sources (7). In one aspect, the invention is a
  method for intelligently routing a user query to information sources (7)
  relevant to that query, extracting relevant data fields from received
  responses, and intelligently presenting the extracted data in order of
  estimated relevance. The system of this invention implements one or more
  steps of the method in a centralized or distributed manner on one or more
  network attached computers (3). Further, this invention provides a novel
  language and implementation that facilitates easily written and
  maintained descriptions of information source query and response formats.

French Abstract
  Cette invention permet d'aider un utilisateur a acceder a des sources
  d'information liees a un reseau. Dans un de ses aspects, l'invention
  concerne un procede destine a acheminer de facon intelligente une requete
  d'un utilisateur vers des sources d'information pertinentes pour cette
  requete, a extraire des zones de donnees pertinentes des reponses recues,
  et a presenter de facon intelligente les donnees extraites par ordre de
  pertinence estimee. Le systeme decrit dans cette invention met en oeuvre
  une ou davantage d'etapes du procede, de maniere centralisee ou repartie,
  sur un ou davantage d'ordinateurs lies a un reseau. De plus, cette
  invention prevoit un nouveau langage et une nouvelle mise en oeuvre qui
  facilitent les descriptions de requetes et formats de reponse des sources
  d'information, lesquelles se redigent et se gardent aisement.

Fulltext Availability:
  Detailed Description

Detailed Description
... address of information source and
  the initial query format string; two, the query words to
  search ; and three, the remainder of the query format
  string for this information source; and */

```
$url llhttp:// searcher .source.com/ searcher .cgi?query
=" . $ keywords  . 11&onlyrr--011;
/* The fetch action statement transfers this query the
I/O  module  for network transmission, and then waits for
the HTML formatted response.

$page = fetch(0. $ url ,");
/* The HTML formatted response text is  parsed  using the
following regular expression grammar.

$result =  parse  ($page, <page>);
- 32
/* An response from this exemplary source consists of a
page containing zero...
```

```
Set     Items    Description
S1      48810    URN OR URNS OR URI OR URIS OR DOI OR DOIS OR DIGITAL()OBJE-
                 CT()IDENTIFIER? OR (UNIFORM OR UNIVERSAL)()RESOURCE
S2      6531390  PARSE? OR PARSING OR FILTER? OR DIVIDE? OR SPLIT? ? OR BRE-
                 AK?
S3      16477304 PART? ? OR SEGMENT? OR FRAG OR FRAGMENT? OR COMPONENT? OR -
                 MODULE? OR SECTOR? OR STRING?
S4      1298248  IDENTIFIER? OR KEYWORD? OR KEYTERM? OR KEYPHRASE? OR DESCR-
                 IPTOR? OR (INDEXED OR KEY)()(WORD? OR TERM? OR PHRASE? OR STR-
                 ING?)
S5      13886230 SEARCH? OR SEEK? OR FIND? OR LOCAT? OR QUER? OR RETRIEV?
S6      118      S1(S)S2(S)S3(S)(S4 OR S5)
S7      111      S1(5N)S2(S)(S4 OR S5)
S8      219      S6 OR S7
S9      127      RD (unique items)
S10     87       S9 NOT PY>1999
S11     79       S10 NOT PD>19990901
S12     35       S1(5N)S2 AND S11
File 275:Gale Group Computer DB(TM) 1983-2003/Sep 03
         (c) 2003 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2003/Aug 25
         (c) 2003 The Gale group
File  75:TGG Management Contents(R) 86-2003/Aug W3
         (c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Sep 03
         (c) 2003 The Gale Group
File  16:Gale Group PROMT(R) 1990-2003/Sep 03
         (c) 2003 The Gale Group
File 624:McGraw-Hill Publications 1985-2003/Sep 03
         (c) 2003 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2003/Aug W5
         (c) 2003 ProQuest
File 613:PR Newswire 1999-2003/Sep 04
         (c) 2003 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2003/Jul
         (c) 2003 The HW Wilson Co
File 696:DIALOG Telecom. Newsletters 1995-2003/Sep 03
         (c) 2003 The Dialog Corp.
File 553:Wilson Bus. Abs. FullText 1982-2003/Jul
         (c) 2003 The HW Wilson Co
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Sep 03
         (c) 2003 The Gale Group
File 674:Computer News Fulltext 1989-2003/Aug W5
         (c) 2003 IDG Communications
File  88:Gale Group Business A.R.T.S. 1976-2003/Sep 04
         (c) 2003 The Gale Group
File 369:New Scientist 1994-2003/Aug W4
         (c) 2003 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2003/Sep 04
         (c) 2003 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2003/Sep 04
         (c) 2003 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2003/Sep 02
         (c) 2003 Resp. DB Svcs.
File  13:BAMP 2003/Aug W3
         (c) 2003 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2003/Sep 04
         (c) 2003 Business Wire.
File 647:CMP  Computer Fulltext 1988-2003/Aug W2
         (c) 2003 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2003/Jul
         (c) 2003 The HW Wilson Co.
```

```
Set     Items   Description
S1      22136   URI OR URIS OR URN OR URNS OR (UNIVERSAL OR UNIFORM)()RESO-
                URCE()(NAME? OR IDENTIFIER?)
S2        157   S1(5N)(PARS? OR SPLIT? OR DIVIDE? OR DIVISION? OR BREAK?)
S3        114   RD (unique items)
S4         90   S3 NOT PY>1999
S5         89   S4 NOT PD>19990901
S6          0   S5(S)(KEYWORD? OR KEYTERM? OR KEY()(WORD? OR TERM? OR PHRA-
                SE?) OR DESCRIPTOR?)
S7         17   S5 AND (KEYWORD? OR KEYTERM? OR KEY OR DESCRIPTOR?)
S8         42   S5 AND (SEARCH? OR QUER? OR SEEK? OR FIND? OR LOCAT?)
S9         14   S7 AND S8
S10        14   RD (unique items)
File 275:Gale Group Computer DB(TM) 1983-2003/Sep 03
         (c) 2003 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2003/Aug 25
         (c) 2003 The Gale group
File  75:TGG Management Contents(R) 86-2003/Aug W3
         (c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Sep 03
         (c) 2003 The Gale Group
File  16:Gale Group PROMT(R) 1990-2003/Sep 03
         (c) 2003 The Gale Group
File 624:McGraw-Hill Publications 1985-2003/Sep 03
         (c) 2003 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2003/Aug W5
         (c) 2003 ProQuest
File 613:PR Newswire 1999-2003/Sep 04
         (c) 2003 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2003/Jul
         (c) 2003 The HW Wilson Co
File 696:DIALOG Telecom. Newsletters 1995-2003/Sep 03
         (c) 2003 The Dialog Corp.
File 553:Wilson Bus. Abs. FullText 1982-2003/Jul
         (c) 2003 The HW Wilson Co
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Sep 03
         (c) 2003 The Gale Group
File 674:Computer News Fulltext 1989-2003/Aug W5
         (c) 2003 IDG Communications
File  88:Gale Group Business A.R.T.S. 1976-2003/Sep 04
         (c) 2003 The Gale Group
File 369:New Scientist 1994-2003/Aug W4
         (c) 2003 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2003/Sep 04
         (c) 2003 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2003/Sep 04
         (c) 2003 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2003/Sep 02
         (c) 2003 Resp. DB Svcs.
File  13:BAMP 2003/Aug W3
         (c) 2003 Resp. DB Svcs.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2003/Sep 04
         (c) 2003 Business Wire.
File 647:CMP  Computer Fulltext 1988-2003/Aug W2
         (c) 2003 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2003/Jul
         (c) 2003 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2003/Sep 03
         (c)2003 The Gale Group
File 634:San Jose Mercury  Jun 1985-2003/Sep 03
         (c) 2003 San Jose Mercury News
```

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Set      Items    Description
S1       3268     AU=(SCHNEIDER, E? OR SCHNEIDER E?)
S2          1     S1 AND ( URL OR URLS OR URI OR URIS OR URN OR URNS OR (UNI-
                  FORM OR UNIVERSAL)()RESOURCE?)
S3          0     S2 AND (PARS? OR FILTER? OR SEEK? OR SEARCH? OR BREAK? OR -
                  ANALYS? OR ANALYZ?)
File    8:Ei Compendex(R) 1970-2003/Aug W4
          (c) 2003 Elsevier Eng.  Info. Inc.
File   35:Dissertation Abs Online 1861-2003/Aug
          (c) 2003 ProQuest Info&Learning
File  202:Info. Sci. & Tech. Abs. 1966-2003/Jul 31
          (c) 2003, EBSCO Publishing
File   65:Inside Conferences 1993-2003/Aug W5
          (c) 2003 BLDSC all rts. reserv.
File    2:INSPEC 1969-2003/Aug W4
          (c) 2003 Institution of Electrical Engineers
File   94:JICST-EPlus 1985-2003/Aug W5
          (c)2003 Japan Science and Tech Corp(JST)
File  111:TGG Natl.Newspaper Index(SM) 1979-2003/Sep 01
          (c) 2003 The Gale Group
File  233:Internet & Personal Comp. Abs. 1981-2003/Jul
          (c) 2003, EBSCO Pub.
File    6:NTIS 1964-2003/Aug W5
          (c) 2003 NTIS, Intl Cpyrght All Rights Res
File  144:Pascal 1973-2003/Aug W4
          (c) 2003 INIST/CNRS
File   34:SciSearch(R) Cited Ref Sci 1990-2003/Aug W4
          (c) 2003 Inst for Sci Info
File   99:Wilson Appl. Sci & Tech Abs 1983-2003/Jul
          (c) 2003 The HW Wilson Co.
File   95:TEME-Technology & Management 1989-2003/Aug W3
          (c) 2003 FIZ TECHNIK
File  275:Gale Group Computer DB(TM) 1983-2003/Sep 02
          (c) 2003 The Gale Group
File   47:Gale Group Magazine DB(TM) 1959-2003/Aug 22
          (c) 2003 The Gale group
File   75:TGG Management Contents(R) 86-2003/Aug W3
          (c) 2003 The Gale Group
File  636:Gale Group Newsletter DB(TM) 1987-2003/Sep 02
          (c) 2003 The Gale Group
File   16:Gale Group PROMT(R) 1990-2003/Sep 02
          (c) 2003 The Gale Group
File  624:McGraw-Hill Publications 1985-2003/Sep 03
          (c) 2003 McGraw-Hill Co. Inc
File  484:Periodical Abs Plustext 1986-2003/Aug W4
          (c) 2003 ProQuest
File  613:PR Newswire 1999-2003/Sep 03
          (c) 2003 PR Newswire Association Inc
File  141:Readers Guide 1983-2003/Jul
          (c) 2003 The HW Wilson Co
File  696:DIALOG Telecom. Newsletters 1995-2003/Sep 02
          (c) 2003 The Dialog Corp.
File  553:Wilson Bus. Abs. FullText 1982-2003/Jul
          (c) 2003 The HW Wilson Co
File  621:Gale Group New Prod.Annou.(R) 1985-2003/Sep 02
          (c) 2003 The Gale Group
File  674:Computer News Fulltext 1989-2003/Aug W3
          (c) 2003 IDG Communications
File   88:Gale Group Business A.R.T.S. 1976-2003/Sep 02
          (c) 2003 The Gale Group
File  369:New Scientist 1994-2003/Aug W4
          (c) 2003 Reed Business Information Ltd.
File  635:Business Dateline(R) 1985-2003/Sep 03
          (c) 2003 ProQuest Info&Learning
File   15:ABI/Inform(R) 1971-2003/Sep 03
          (c) 2003 ProQuest Info&Learning
File    9:Business & Industry(R) Jul/1994-2003/Sep 01
          (c) 2003 Resp. DB Svcs.
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File 13:BAMP 2003/Aug W3
        (c) 2003 Resp. DB Svcs.
File 610:Business Wire 1999-2003/Sep 03
        (c) 2003 Business Wire.
File 647:CMP Computer Fulltext 1988-2003/Aug W2
        (c) 2003 CMP Media, LLC
File 148:Gale Group Trade & Industry DB 1976-2003/Sep 02
        (c)2003 The Gale Group

' 2/5/1   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03458884   E.I. Monthly No: EIM9207-037683
   Title: Soilcrete cut-off wall for undercrossing a busy rail line.
   Author: Steiner, Walter; **Schneider, Ernst** ; Cartus, Manfred
   Corporate Source: Partner Balzari & Schudel AG, Bern, Switz
   Conference Title: Proceedings of the 1992 ASCE Specialty Conference on
Grouting, Soil Improvement and Geosynthetics
   Conference Location: New Orleans, LA, USA   Conference Date: 19920225
   Sponsor: ASCE, Geotechnical Engineering Div
   E.I. Conference No.: 16347
   Source: Geotechnical Special Publication v 1 n 30. Publ by ASCE, New
York, NY, USA. p 384-397
   Publication Year: 1992
   CODEN: GSPUER   ISSN: 0895-0563
   Language: English
   Document Type: PA; (Conference Paper)   Treatment: A; (Applications); X;
(Experimental)
   Journal Announcement: 9207

   Abstract: A new underpass was constructed under the Main Gotthard
Railroad to connect the town of Fluelen with the shore of Lake **Uri** . The
railroad, which carries more than 200 trains each day could neither be
diverted nor interrupted. Ground conditions consisted of a top layer of
reclaimed fill overlying loose silty to fine sandy lake deposits. The
groundwater is close to the surface and is in direct contact to the lake.
To allow excavation beneath the tracks two cut-off walls were constructed
consisting of triple row angled soilcrete columns. Prior to carrying out
the main jet-grouting and excavation a field trial incorporating vertical
and inclined borings, with and without air-assisted jet-grouting was
performed to prove the feasibility of the system. (Author abstract) 6 Refs.

   Descriptors: *RETAINING WALLS--*Construction; RAILROAD PLANT AND
STRUCTURES--Underpasses; SOILS--Silt; SAND AND GRAVEL; COLUMNS
   Identifiers: CUTOFF WALLS; SOILCRETE
   Classification Codes:
   405 (Construction Equipment & Methods); 681 (Railroad Plant &
Structures); 483 (Soil Mechanics & Foundations); 408 (Structural Design);
412 (Concrete)
   40 (CIVIL ENGINEERING); 68 (RAILROAD ENGINEERING); 48 (ENGINEERING
GEOLOGY); 41 (CONSTRUCTION MATERIALS)

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Set      Items    Description
S1        1066    AU=(SCHNEIDER, E? OR SCHNEIDER E?)
S2          61    S1 AND IC=G06F?
S3           1    S1 AND (URL OR URI OR (UNIFORM OR UNIVERSAL)()RESOURCE?)
S4           1    S2 AND S3
S5          24    S2 AND (PARS? OR FILTER? OR SEEK? OR SEARCH? OR BREAK? OR -
                  ANALYS? OR ANALYZ?)
S6          24    S4 OR S5
S7          24    IDPAT (sorted in duplicate/non-duplicate order)
S8          14    IDPAT (primary/non-duplicate records only)
File 344:Chinese Patents Abs Aug 1985-2003/Mar
         (c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)
         (c) 2003 JPO & JAPIO
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200355
         (c) 2003  Thomson Derwent
File 351:Derwent WPI 1963-2003/UD,UM &UP=200355
         (c) 2003  Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2003/Aug W04
         (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030828,UT=20030821
         (c) 2003 WIPO/Univentio
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014954235   **Image available**
WPI Acc No: 2003-014749/200301
Related WPI Acc No: 2000-012915
XRPX Acc No: N03-010754
   **Reusable information processing method in business/legal environment,
   involves transmitting selected identifier from client to provider for
   being reserved, subscribed, pre-ordered, pre-registered, ordered and
   monitored**
Patent Assignee: SCHNEIDER E (SCHN-I)
Inventor: **SCHNEIDER E**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6442549	B1	20020827	US 97900437	A	19970725	200301	B
			US 99154411	A	19990917		
			US 99440606	A	19991115		

Priority Applications (No Type Date): US 99154411 P 19990917; US 97900437 A
   19970725; US 99440606 A 19991115
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6442549	B1		45	G06F-017/30	CIP of application US 97900437
					Provisional application US 99154411
					CIP of patent US 5987464

Abstract (Basic): US 6442549 B1
     NOVELTY - Several identifiers each identifying a telephone number
of domain name, are transmitted from a provider (94) to a client (96),
when the identifiers are not available for registration. A selected
identifier is transmitted to the provider for being reserved,
subscribed, pre-ordered, pre-registered, ordered and monitored.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
following:
     (1) Method for receiving new information from provider;
     (2) Apparatus for receiving new information from provider; and
     (3) Computer program product for receiving new information from
provider.
     USE - For processing reusable information through communication
network such as telephone network and Internet in business/legal
environment for configuring preset query to flag a group of patents or
trademarks from which the subscriber is licensing technology.
     ADVANTAGE - Reduces the **search** and retrieval time for accessing
master database information and newly available information.
     DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
the computer system illustrating the process of delivery for a given
subscription period.
     Provider (94)
     Client (96)
     pp; 45 DwgNo 4A/16
Title Terms: REUSE; INFORMATION; PROCESS; METHOD; BUSINESS; LEGAL;
   ENVIRONMENT; TRANSMIT; SELECT; IDENTIFY; CLIENT; RESERVE; PRE; ORDER; PRE
   ; REGISTER; ORDER; MONITOR
Derwent Class: T01; W01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

014583303   **Image available**
WPI Acc No: 2002-404007/200243
XRPX Acc No: N02-317105

Financial and intellectual property database searching **method for on-line financial screening service, involves continuous** searching **of database for records matching financial** search **criteria defined by user**

Patent Assignee: SCHNEIDER E (SCHN-I); SICK T (SICK-I); WEINER M L (WEIN-I)
Inventor: **SCHNEIDER E** ; SICK T; WEINER M L
Number of Countries: 094 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020040338	A1	20020404	US 2000236974	A	20000930	200243	B
			US 2001965071	A	20010927		
WO 200229668	A1	20020411	WO 2001US30288	A	20010927	200243	
AU 200194813	A	20020415	AU 200194813	A	20010927	200254	

Priority Applications (No Type Date): US 2000236974 P 20000930; US 2001965071 A 20010927
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020040338	A1		20	G06F-017/60	Provisional application US 2000236974

WO 200229668 A1 E   G06F-017/60
  Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
  CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
  KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
  RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
  IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200194813 A   G06F-017/60   Based on patent WO 200229668

Abstract (Basic): US 20020040338 A1
    NOVELTY - The database is **searched** for records matching financial
  search criteria defined by a user. The **search** process is continued
  until a required number of records are found. The matching records
  including data items selected from the group comprising the stock
  price, price/earning ratio, cash/price ratio are reported to the user.
    DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
  following:
    (a) Financial investment opportunities screening system; and
    (b) **Search** request processing method.
    USE - For **searching** financial database and intellectual property
  database in on-line financial screening service provided to public
  companies.
    ADVANTAGE - Simple to use and inexpensive, compared to other
  approaches employed to obtain financial information about a company.
  Provides important information to investors through single interface or
  resource. Automatically broadens the **search** request until a **search**
  result is found.
    DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
  illustrating the steps for maintaining reference database of a system.
    pp; 20 DwgNo 6/8
Title Terms: FINANCIAL; INTELLIGENCE; PROPERTIES; DATABASE; **SEARCH** ;
  METHOD; LINE; FINANCIAL; SCREEN; SERVICE; CONTINUOUS; **SEARCH** ; DATABASE;
  RECORD; MATCH; FINANCIAL; **SEARCH** ; CRITERIA; DEFINE; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

 8/5/3   **(Item 3 from file: 351)**
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

014358497   **Image available**
WPI Acc No: 2002-179198/200223
XRPX Acc No: N02-136307
  **Delivery method involves adding access information of locator service to
  received message which is then sent to sender address when message is
  determined to be undeliverable to recipient address**
Patent Assignee: SCHNEIDER E (SCHN-I)

Inventor: **SCHNEIDER E**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 20020010745 A1   20020124 US 99169861   P   19991209 200223   B
                                 US 2000733348   A   20001208

Priority Applications (No Type Date): US 99169861 P 19991209; US 2000733348
  A 20001208
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 20020010745 A1   16 G06F-015/16   Provisional application US 99169861

Abstract (Basic): US 20020010745 A1
        NOVELTY - When a message received by the delivery service is
    determined to be undeliverable to a recipient address, the access
    information of a locator service is added to the message which is then
    sent to the sender address.
        DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
    following:
        (a) an apparatus for delivering by a delivery service;
        (b) and a computer program product for delivering by a delivery
    service.
        USE - For message delivery service.
        ADVANTAGE - Automatically finds or creates **searches** for further
    contact information when message is bounced or undeliverable.
        DESCRIPTION OF DRAWING(S) - The figure is a flowchart illustrating
    the steps performed for receiving and modifying a bounced message.
        pp; 16 DwgNo 2/5
Title Terms: DELIVER; METHOD; ADD; ACCESS; INFORMATION; LOCATE; SERVICE;
  RECEIVE; MESSAGE; SEND; SEND; ADDRESS; MESSAGE; DETERMINE; RECIPIENT;
  ADDRESS
Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

 8/5/4   (Item 4 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

012841083   **Image available**
WPI Acc No: 2000-012915/200001
Related WPI Acc No: 2003-014749
XRPX Acc No: N00-010027
  Computer implemented patent files updating method for search ,
  **retrieval, reporting, delivery and update of master patent database
  information**
Patent Assignee: SCHNEIDER E (SCHN-I)
Inventor: **SCHNEIDER E**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
US 5987464   A   19991116 US 9622714   A   19960726 200001   B
                                 US 97900437   A   19970725

Priority Applications (No Type Date): US 9622714 P 19960726; US 97900437 A
  19970725
Patent Details:
Patent No   Kind Lan Pg   Main IPC   Filing Notes
US 5987464   A   32 G06F-017/30   Provisional application US 9622714
Abstract (Basic): US 5987464 A
        NOVELTY - Data (120) containing a program (34) and a potentially
    reusable data (30) is stored in a storage medium (70) following which
    data (122) containing a control data (126) is stored in the storage
    medium. When program of the data (120) is executed, the control data
    combines with potentially reusable data for producing data (128)
    containing newly indexed available information (130) on storage medium.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for patent file updating apparatus.

USE - For **search** , retrieval, reporting, delivery and update of master patent database information and newly available information for both online and offline systems.

ADVANTAGE - Utilizes renewal information and previous expiration information to increase subscription period. Offers automated clipping service to encourage potential use and easier access of information to the public. Reduces the **search** and retrieval time for accessing master database information and newly available information.

DESCRIPTION OF DRAWING(S) - The figure shows the relationship of storage of first, second and third data on computer system.

Potentially reusable data (30)
Program (34)
Storage medium (70)
Data (120,122,128)
Control data (126)
Newly indexed available information (130)
pp; 32 DwgNo 3/16

Title Terms: COMPUTER; IMPLEMENT; PATENT; FILE; UPDATE; METHOD; **SEARCH** ; RETRIEVAL; REPORT; DELIVER; UPDATE; MASTER; PATENT; DATABASE; INFORMATION

Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

8/5/5   (Item 5 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

010207060   **Image available**
WPI Acc No: 1995-108314/199515
XRPX Acc No: N95-085637
  Mechanical fixing of parts using screws with controlled pneumatic screwdriver - has control action determined by fuzzy logic rules based on measured speed and torque
Patent Assignee: BOSCH GMBH ROBERT (BOSC)
Inventor: BACKE W; HAERLE V; LAYER A; **SCHNEIDER E** ; HAERLE Y
Number of Countries: 005 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 642890	A1	19950315	EP 94112302	A	19940805	199515	B
DE 4330481	A1	19950316	DE 4330481	A	19930909	199516	
EP 642890	B1	19970423	EP 94112302	A	19940805	199721	
US 5631823	A	19970520	US 94289761	A	19940812	199726	
DE 59402503	G	19970528	DE 502503	A	19940805	199727	
			EP 94112302	A	19940805		

Priority Applications (No Type Date): DE 4330481 A 19930909
Cited Patents: 1.Jnl.Ref; DE 3837942; DE 4241941; EP 171058; EP 285815
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 642890	A1	G	6	B25B-023/14	
Designated States (Regional): DE FR GB SE					
DE 4330481	A1		7	B25B-021/00	
EP 642890	B1	G	10	B25B-023/14	
Designated States (Regional): DE FR GB SE					
US 5631823	A		9	G06F-019/00	
DE 59402503	G			B25B-023/14	Based on patent EP 642890

Abstract (Basic): EP 642890 A
A fuzzy logic system is used to produce a joint between mechanical parts. In particular the joint is produced by screws tightened by a pneumatic screw driver (10). A torque sensor (16) and angular position sensor (18) provide feedback to a microprocessor (26), with an A/D providing conversion of the torque signal. The microprocessor executes fuzzy logic (32) control based upon a knowledge base to adjust the control gains of the pneumatic valve controller (38) based upon speed

and load stiffness.
        USE/ADVANTAGE - Provides optimum control of pneumatic screwdriver.
        Dwg.1/6
Title Terms: MECHANICAL; FIX; PART; SCREW; CONTROL; PNEUMATIC; SCREWDRIVER;
  CONTROL; ACTION; DETERMINE; FUZZ; LOGIC; RULE; BASED; MEASURE; SPEED;
  TORQUE
Derwent Class: P52; P56; P62; T01; T06; X25
International Patent Class (Main): B25B-021/00; B25B-023/14; **G06F-019/00**
International Patent Class (Additional): B21J-015/28; B23P-019/06;
  B25B-028/00; G01L-005/24; G05B-013/00; G05B-013/02; G05D-015/00;
  G05D-017/00
File Segment: EPI; EngPI

   8/5/6   (Item 6 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2003 Thomson Derwent. All rts. reserv.

004138075
WPI Acc No: 1984-283615/198446
XRPX Acc No: N84-211687
   **Random access controller for electronic camera - has microprocessor to
   decode mechanical position and electronic scan parameters of array to
   produce two signals for servo loop and counter**
Patent Assignee: DATACOPY CORP (DATA-N)
Inventor: HEBARD E; RUMLEY S D; **SCHNEIDER E C**
Number of Countries: 006 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 124839	A	19841114	EP 84104797	A	19840428	198446	B
JP 60035870	A	19850223	JP 8487958	A	19840502	198514	
US 4571638	A	19860218	US 83490746	A	19830502	198610	
EP 124839	B	19911127				199148	
DE 3485294	G	19920109				199203	

Priority Applications (No Type Date): US 83490746 A 19830502
Cited Patents: A3...8813; EP 29327; FR 2463554; GB 2070885; No-SR.Pub; US
  4128755; US 4196450; US 4271430; WO 8100944
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 124839	A	E	61		

    Designated States (Regional): DE FR GB IT

| EP 124839 | B | | | | |

    Designated States (Regional): DE FR GB IT

Abstract (Basic): EP 124839 A
        The camera has a photodiode array (10) moved by a mechanical drive
    in an image plane of a focussing lens to scan an image. A master
    microprocessor (20) decodes a command, which includes mechanical
    positional and electronic scan parameters, to produce two signals, one
    each for the two types of parameters.
        A position indicator and a servo loop for the array are connected
    to the microprocessor for the first decoded signal to position the
    array. An address counter responds to output pulses, related to light
    intensity, from the array to generate addresses. The counter is
    connected to the position indicator and servo loop and responds to the
    second decoded signal to gate particular pulses of the array output in
    accordance with the electronic scan parameters.
        ADVANTAGE - Scanned image start point and size can be varied, scan
    rate can be controlled and position **seek** operations can be performed.
        1/8
Title Terms: RANDOM; ACCESS; CONTROL; ELECTRONIC; CAMERA; MICROPROCESSOR;
  DECODE; MECHANICAL; POSITION; ELECTRONIC; SCAN; PARAMETER; ARRAY; PRODUCE
  ; TWO; SIGNAL; SERVO; LOOP; COUNTER
Derwent Class: T01; T04; W02
International Patent Class (Additional): **G06F-003/00 ; G06F-015/20 ;**
  G06K-009/20; G06K-011/00; H04N-001/04
File Segment: EPI

8/5/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01471309
**METHOD FOR SEARCHING FINANCIAL SECURITIES AND RELEVANT INTELLECTUAL
    PROPERTY**
**PROCEDE DE RECHERCHE DE TITRES FINANCIERS ET PROPRIETE INTELLECTUELLE
    CORRESPONDANTE**
PATENT ASSIGNEE:
  Sick, Terrence, (4076060), 1025 Exchange Street, Rochester, NY 14608,
    (US), (Applicant designated States: all)
  Schneider, Eric, (4076070), 13944 Cedar Road 258, University Heights, OH
    44118, (US), (Applicant designated States: all)
  Weiner, Michael, (3969960), 693 Summit Drive, Webster, NY 14580, (US),
    (Applicant designated States: all)
INVENTOR:
  Sick, Terrence, 1025 Exchange Street, Rochester, NY 14608, (US)
   Schneider, Eric , 13944 Cedar Road 258, University Heights, OH 44118,
    (US)
  Weiner, Michael, 693 Summit Drive, Webster, NY 14580, (US
PATENT (CC, No, Kind, Date):
                              WO 2002029668 020411
APPLICATION (CC, No, Date):   EP 2001975494 010927; WO 2001US30288 010927
PRIORITY (CC, No, Date): US 236974 P 000930
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-017/60**
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 021023 A1 International application. (Art. 158(1))
 Application: 021023 A1 International application entering European
                           phase
LANGUAGE (Publication,Procedural,Application): English; English; English

8/5/8   (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

01265058
**Method, software and apparatus for recovering data in conjunction with an
    operating system**
**Methode, Programm und Vorrichtung zur Wiederherstellung von Daten in
    Verbindung mit einem Betriebssystem**
**Methode, logiciel et dispositif pour la recuperation des donnees avec un
    systeme d'exploitation**
PATENT ASSIGNEE:
  Wild File, Inc., (2057510), 3070 Ranch View, Plymouth, MN 55447, (US),
    (Applicant designated States: all)
INVENTOR:
  Schneider, Eric D. , 17020 12th Avenue North, Plymouth, MN 55447, (US
LEGAL REPRESENTATIVE:
  Hackney, Nigel John et al (76991), Mewburn Ellis, York House, 23 Kingsway
    , London WC2B 6HP, (GB)
PATENT (CC, No, Kind, Date): EP 1091299 A2 010411 (Basic)
APPLICATION (CC, No, Date):   EP 308805 001006;
PRIORITY (CC, No, Date): US 158336 991007
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-011/14**

ABSTRACT EP 1091299 A2
   ·An invention is disclosed for recovering data in computer environment.
   Initially a record of historic slates of a disk is created, wherein the

disk includes various disk locations, such as a disk location X, a disk location Y, and a disk location Z. in response to a request to overwrite original data at the disk location X with new dala, the new data is stored at the disk location Y. Then, an indication is established in the record of historic states that indicates the roles of disk location X and Y. These roles could establish the role of disk location X as including historic data, and the role of location Y as including new data for location X. In addition, the method includes intercepting a command to release data at the disk location Z, and establishing an indication in the record of historic states indicating the disk location Z stores historic data.
ABSTRACT WORD COUNT: 153
NOTE:
   Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 010411 A2 Published application without **search** report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS A   (English)   200115   993
      SPEC A   (English)   200115   15470
Total word count - document A   16463
Total word count - document B   0
Total word count - documents A + B   16463

   8/5/9   (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01226804
**METHOD AND APPARATUS FOR DEALING WITH DATA CORRUPTION AND SHARED DISKS IN
   THE CONTEXT OF SAVING, USING AND RECOVERING DATA**
**VERFAHREN   UND   VORRICHTUNG   ZUR   BEHANDLUNG   VON   DATENVERFALSCHUNG   UND
   GEMEINSAM   GENUTZTE   PLATTEN   IM KONTEXT VON DATENSICHERUNG, -BENUTZUNG
   UND WIEDERHERSTELLUNG**
**PROCEDE   ET   DISPOSITIF   CONCERNANT   L'ALTERATION DE DONNEES ET LES DISQUES
   PARTAGES   DANS   LE CONTEXTE DE LA SAUVEGARDE, DE L'UTILISATION ET DE LA
   RECUPERATION DE DONNEES**
PATENT ASSIGNEE:
   Wild File, Inc., (2057511), 3070 Ranch View, P.O. Box 47038, Plymouth, MN
   55447, (US), (Applicant designated States: all)
INVENTOR:
   SCHNEIDER, Eric, D. , 17020 12th Avenue North, Plymouth, MN 55447, (US)
   GUSTAFSON, Michael, J., 13570 95th Place North, Maple Grove, MN 55369,
   (US)
   HAGLER, Daniel, J., 42002 County 14 Boulevard, Kenyon, MN 55946, (US
LEGAL REPRESENTATIVE:
   Wombwell, Francis (46022), Potts, Kerr & Co. 15, Hamilton Square,
   Birkenhead Merseyside CH41 6BR, (GB)
PATENT (CC, No, Kind, Date): EP 1090348   A1   010411 (Basic)
                              WO 0065447   001102
APPLICATION (CC, No, Date):   EP 926314 000424; WO 00US10999   000424
PRIORITY (CC, No, Date): US 130814 990423
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
   LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **G06F-011/14**
CITED PATENTS (WO A): US 5255270 A ; US 5893140 A ; WO 9912101 A ; US
   5717849 A ; WO 9826353 A
NOTE:
   No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 001227 A1 International application. (Art. 158(1))
 Application: 001227 A1 International application entering European
                             phase
 Application: 010411 A1 Published application with **search** report

8/5/10   (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00737556
FILING SYSTEM SCANNER AND IMPROVED BAR CODE
ABTASTEN UND VERBESSERTE STRICHCODEANORDNUNG FUR EIN ARCHIVIERUNGSSYSTEM
SCANNER ET CODE A BARRES AMELIORE POUR SYSTEME DE CLASSEMENT DE FICHIERS
PATENT ASSIGNEE:
  Wild File, Inc., (2057510), 3070 Ranch View, Plymouth, MN 55447, (US),
    (applicant designated states:
    AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
  SCHNEIDER, Eric, D. , 17020 12th Avenue North, Plymouth, MN 55447, (US
LEGAL REPRESENTATIVE:
  Curley, Donnacha John et al (97811), Tomkins & Co., 5 Dartmouth Road,
    Dublin 6, (IE)
PATENT (CC, No, Kind, Date): EP 803099 A1 971029 (Basic)
                              EP 803099 A1 981104
                              WO 9530195   951109
APPLICATION (CC, No, Date): EP 95917642 950418; WO 95US4999 950418
PRIORITY (CC, No, Date): US 237266 940503
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
  NL; PT; SE
INTERNATIONAL PATENT CLASS: **G06F-017/00** ; G06K-019/04; G09F-003/10
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
Change: 020502 A1 Legal representative(s) changed 20020313
 Application: 960131 A International application (Art. 158(1))
 Withdrawal: 030502 A1 Date application deemed withdrawn: 20021018
 Examination: 020724 A1 Date of dispatch of the first examination
                          report: 20020607
 Application: 971029 A1 Published application (A1with Search Report
                          ;A2without Search Report)
 Examination: 971029 A1 Date of filing of request for examination:
                          961129
 Change: 981028 A1 Obligatory supplementary classification
                          (change)
 Search Report: 981104 A1 Drawing up of a supplementary European
                          search report: 980915
LANGUAGE (Publication,Procedural,Application): English; English; English

8/5/11   (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00431063
Analog to digital input operating system.
Analog-Digitaleingabebetriebssystem.
Systeme operationnel pour entree analogique-numerique.
PATENT ASSIGNEE:
  HONEYWELL INC., (246050), Honeywell Plaza, Minneapolis Minnesota 55408,
    (US), (applicant designated states: CH;DE;FR;GB;IT;LI;NL;SE)
INVENTOR:
  Pak, Sang, 7409 Painted Pony Trail NW, Albuquerque, NM 87120, (US)
  Ullestad, David C., 10416 LaGrange Park Drive. NE, Albuquerque, NM 87123,
    (US)
  Schneider, Eric D. , 2301 Newton Avenue Sourth, Minneapolis, NM 55405,
    (US
LEGAL REPRESENTATIVE:
  Fox-Male, Nicholas Vincent Humbert (57741), Honeywell Control Systems
    Limited Charles Square, Bracknell Berkshire RG12 1EB, (GB)

PATENT (CC, No, Kind, Date): EP 405924 A2 910102 (Basic)
                            EP 405924 A3 920219
APPLICATION (CC, No, Date): EP 90306994 900626;
PRIORITY (CC, No, Date): US 371901 890627
DESIGNATED STATES: CH; DE; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-003/05** ; **G06F-015/74**
CITED PATENTS (EP A): WO 8502729 A; WO 8703114 A; GB 2052193 A
CITED REFERENCES (EP A):
  IBM TECHNICAL DISCLOSURE BULLETIN vol. 26, no. 11, April 1984, NEW YORK
    pages 5856 - 5857; V.C. KENDRICK: "PROGRAMMABLE DIGITAL INPUT
    MULTIPLEXER";

ABSTRACT EP 405924 A2
    An analog to digital input operating system (ADIOS) provides a flexible
  input data sampling schedule that is synchronized with a process
  controller requiring the data at a known rate for future utilization. An
  ADIOS Executive program cooperates with the controller hardware to
  provide an adaptive scheduling of any input reading based on the
  controller configuration which is established by the end-user via a
  controller interface, such as a personal computer (PC), and download to
  the controller when the configuration is completed. (see image in
  original document)
ABSTRACT WORD COUNT: 90

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 910102 A2 Published application (A1with Search Report
                            ;A2without Search Report)
  Search Report: 920219 A3 Separate publication of the European or
                            International **search** report
  Withdrawal: 930428 A2 Date on which the European patent application
                            was deemed to be withdrawn: 920820
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   EPABF1   269
     SPEC A   (English)   EPABF1   5335
Total word count - document A   5604
Total word count - document B   0
Total word count - documents A + B   5604

 8/5/12   (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00799794   **Image available**
APPARATUS AND METHOD OF CREATING A FIREWALL DATA PROTECTION
**APPAREIL PERMETTANT DE PROTEGER DES DONNEES PAR PARE-FEU ET TECHNIQUE
   CORRESPONDANTE**
Patent Applicant/Assignee:
  WILD FILE INC, 691 S. Milpitas Blvd., Milpitas, CA 95035, US, US
    (Residence), US (Nationality)
Inventor(s):
  SCHNEIDER Eric D , 17020 12th Avenue North, Plymouth, MN 55447, US
Legal Representative:
  BROCK Joe A (agent), Martine Penilla & Kim, LLP, 710 Lakeway Drive, Suite
    170, Sunnyvale, CA 94085, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200133357 A1 20010510 (WO 0133357)
  Application: WO 2000US29626 20001026 (PCT/WO US0029626)
  Priority Application: US 99162500 19991029; US 99450266 19991129
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI
  SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

English Abstract
  An invention is disclosed for a protected data storage medium (306). The
  protected data storage medium (306) includes a storage medium that
  includes a protected area. In addition, the protected data storage (306)
  includes a controller that is capable of controlling access to the
  storage medium. The controller is also capable of receiving a standard
  write command (312) to change data of the storage medium, of receiving a
  special write command (312) to change data of the storage medium. In
  operation, the controller changes data in the protected area (310) in
  response to receiving a special write command. However, the controller
  allows data (314) in the protected area (310) to remain unchanged in
  response to receiving a standard write command.

French Abstract
  Cette invention a trait a un support de memorisation protege de donnees
  (306). Ce support de memorisation protege de donnees (306), qui possede
  un support de memorisation dote d'une zone protegee, est, de plus, pourvu
  d'une unite de commande a meme de commander l'acces audit support. Cette
  unite de commande est, en outre, capable de recevoir une instruction
  d'ecriture standard (312) afin de modifier des donnees du support de
  memorisation ainsi que de recevoir une instruction d'ecriture speciale
  (312) afin de modifier des donnees du support de memorisation. En usage,
  l'unite de commande modifie des donnees dans la zone protegee (310) en
  reaction a la reception d'une instruction de commande speciale. Cette
  unite de commande laisse, toutefois, des donnees (314) de la zone
  protegee (310) inchangees en reaction a la reception d'une instruction
  d'ecriture standard.

Legal Status (Type, Date, Text)
Publication 20010510 A1 With international **search** report.
Examination   20010809 Request for preliminary examination prior to end of
                  19th month from priority date

 8/5/13   **(Item 13 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00771295   **Image available**
OPTIMIZED DISK STORAGE DEFRAGMENTATION WITH SWAPPING CAPABILITIES
DEFRAGMENTATION DE MEMOIRE A DISQUE OPTIMISEE AVEC CAPACITES DE PERMUTATION
Patent Applicant/Assignee:
  WILD FILE INC, P.O. Box 47038, 3070 Ranchview Lane, Plymouth, MN 55447,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  SCHNEIDER Eric D , P.O. Box 47038, 3070 Ranchview Lane, Plymouth, MN
    55447, US, US (Residence), US (Nationality
Legal Representative:
  PENILLA Albert S, Martine Penilla & Kim, LLP, 710 Lakeway Drive, Suite
    170, Sunnyvale, CA 94085, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200104801 A1 20010118 (WO 0104801)
  Application: WO 2000US18732 20000710 (PCT/WO US0018732)
  Priority Application: US 99143248 19990709
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
  DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class: **G06F-017/30**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5192

English Abstract
  A method of de-fragmenting file allocations on a disk (Figure 3a) to
  enable an operating system to determine what pages (Figure 3a, 1-12)
  should be swapped. The method tracks prior states of page maps (Figure 1
  and 2) and logs the locations of the swapped data so that a state prior
  to a defragmentation activity can be reconstructed.

French Abstract
  L'invention concerne un procede de defragmentation d'attributions de
  fichiers sur un disque (Figure 3a) qui permet a un systeme d'exploitation
  de determiner les pages (Figure 3a, 1-12) a permuter. Le procede permet
  de reperer les etats anterieurs des tables de pages (Figures 1 et 2) et
  de consigner les emplacements des donnees permutees de facon que l'on
  puisse reconstruire un etat anterieur avant defragmentation.

Legal Status (Type, Date, Text)
Publication   20010118 A1 With international **search** report.
Publication   20010118 A1 Before the expiration of the time limit for
                          amending the claims and to be republished in the
                          event of receipt of amendments.
Examination   20010412 Request for preliminary examination prior to end of
                          19th month from priority date

 8/5/14   (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00480749   **Image available**
METHOD, SOFTWARE AND APPARATUS FOR SAVING, USING AND RECOVERING DATA
**PROCEDE, LOGICIEL ET DISPOSITIF PERMETTANT DE SAUVEGARDER, UTILISER ET
    RECUPERER DES DONNEES**
Patent Applicant/Assignee:
  WILD FILE INC,
  SCHNEIDER Eric D,
  FERRIL William C,
  WHEELER Douglas N,
  SCHWARTZ Lawrence E,
  BRUGGEMAN Edward W,
Inventor(s):
  SCHNEIDER Eric D ,
  FERRIL William C,
  WHEELER Douglas N,
  SCHWARTZ Lawrence E,
  BRUGGEMAN Edward W
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9912101 A2 19990311
  Application: WO 98US18863 19980904   (PCT/WO US9818863)
  Priority Application: US 97924198 19970905; US 9839650 19980316; US
    98105733 19980626
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
  FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
  MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US
  US US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
  AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM

English Abstract
   A method and apparatus for reverting a disk drive to an earlier point in
time is disclosed. Changes made to the drive are saved in a circular
history buffer which includes the old data, the time it was replaced by
new data, and the original location of the data. The circular history
buffer may also be implemented by saving new data elements into new
locations and leaving the old data elements in their original locations.
References to the new data elements are mapped to the new location. The
disk drive is reverted to an earlier point in time by replacing the new
data element with the original data elements retrieved from the history
buffer, or in the case of the other embodiment, reads to the disk are
mapped to the old data elements still stored in their original locations.
The method and apparatus may be implemented as part of an operating
system, or as a separate program, or in the controller for the disk
drive. The method and apparatus are applicable to other forms of data
storage as well. Also disclosed are method and apparatus for providing
firewall protection to data in a data storage medium of a computer
system.

French Abstract
   L'invention se rapporte a un procede et a un dispositif permettant de
ramener une unite de disque a un point chronologiquement anterieur. Les
modifications apportees a cette unite sont sauvegardees dans un tampon
historique circulaire contenant les anciennes donnees, le moment auquel
elles ont ete remplacees par de nouvelles donnees et l'emplacement
originel des donnees. Le tampon historique circulaire peut egalement etre
mis en oeuvre grace a la sauvegarde de nouveaux elements de donnees dans
de nouveaux emplacements et au maintien des anciens elements de donnees
dans leurs emplacements originels. Des references relatives aux nouveaux
elements de donnees sont appliquees au nouvel emplacement. L'unite de
disque est ramenee a un point chronologiquement anterieur grace au
remplacement des nouveaux elements de donnees par les elements de donnees
originels recuperes dans le tampon historique ou bien, selon l'autre mode
de realisation, les anciens elements de donnees se trouvant toujours au
niveau de leurs emplacements de memorisation originels sur le disque sont
lus. Ce procede et ce dispositif peuvent etre mis en oeuvre sous forme
d'une partie d'un systeme d'exploitation, ou sous forme d'un programme
separe, ou dans l'unite de commande de l'unite de disque. Ce procede et
ce dispositif sont egalement applicables a d'autres formes de
memorisation de donnees. L'invention concerne enfin un procede et un
dispositif fournissant une protection de type filtrage aux donnees
memorisees dans un support de memorisation de donnees d'un systeme
informatique.

```
Set      Items    Description
S1        427     URN OR URNS OR URI OR URIS OR DOI OR DOIS OR DIGITAL()OBJE-
                  CT()IDENTIFIER? OR (UNIFORM OR UNIVERSAL)()RESOURCE
S2       6336     PARSE? OR PARSING OR FILTER? OR DIVIDE? OR SPLIT? ? OR BRE-
                  AK?
S3      28080     PART? ? OR SEGMENT? OR FRAG OR FRAGMENT? OR COMPONENT? OR -
                  MODULE? OR SECTOR? OR STRING?
S4       1242     IDENTIFIER? OR KEYWORD? OR KEYTERM? OR KEYPHRASE? OR DESCR-
                  IPTOR? OR (INDEXED OR KEY)()(WORD? OR TERM? OR PHRASE? OR STR-
                  ING?)
S5      26346     SEARCH? OR SEEK? OR FIND? OR LOCAT? OR QUER? OR RETRIEV?
S6          1     S1(5N)(PARSE? OR PARSING OR DIVIDE? OR SPLIT? ? OR BREAK?)
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Aug
         (c)2003 Info.Sources Inc
?
```

00089530   DOCUMENT TYPE: Review

PRODUCT NAMES: CGI (836427)

TITLE: Web Server Programming: The Final Frontier
AUTHOR: Heller, Martin
SOURCE: Windows Magazine,   v7 n6 p273(2) Jun 1996
ISSN: 1060-1066
HOMEPAGE: http://www.winmag.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

...to send a CGI program or to script a form's output. CGI programs also
parse uniform resource locator (URL)-encoded query stings by first
dividing data at the ampersands, which creates separate...

```
Set     Items   Description
S1      12681   URL OR URN OR URLS OR URNS OR URI OR URIS OR DOI OR DOIS OR
                DIGITAL()OBJECT()IDENTIFIER? OR (UNIFORM OR UNIVERSAL)()RESO-
                URCE
S2      1992897 PARSE? OR PARSING OR FILTER? OR DIVIDE? OR SPLIT? ? OR BRE-
                AK?
S3      5663137 PART? ? OR SEGMENT? OR FRAG OR FRAGMENT? OR COMPONENT? OR -
                MODULE? OR SECTOR? OR STRING?
S4      77568   IDENTIFIER? OR KEYWORD? OR KEYTERM? OR KEYPHRASE? OR DESCR-
                IPTOR? OR (INDEXED OR KEY)()(WORD? OR TERM? OR PHRASE? OR STR-
                ING?)
S5      3712568 SEARCH? OR SEEK? OR FIND? OR LOCAT? OR QUER? OR RETRIEV?
S6      121     S1 AND S2 AND S3
S7      6       S4 AND S5 AND S6
S8      49      S6 AND (S4 OR S5)
S9      26      S1 AND S2 AND S4 AND S5
S10     69      S7 OR S8 OR S9
S11     53      RD (unique items)
S12     29      S11 NOT PY>1999
S13     28      S12 NOT PD>19990901
S14     28      RD (unique items)
File   8:Ei Compendex(R) 1970-2003/Aug W4
          (c) 2003 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2003/Aug
          (c) 2003 ProQuest Info&Learning
File 202:Info. Sci. & Tech. Abs. 1966-2003/Jul 31
          (c) 2003, EBSCO Publishing
File  65:Inside Conferences 1993-2003/Aug W5
          (c) 2003 BLDSC all rts. reserv.
File   2:INSPEC 1969-2003/Aug W4
          (c) 2003 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2003/Aug W5
          (c)2003 Japan Science and Tech Corp(JST)
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Sep 02
          (c) 2003 The Gale Group
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
          (c) 2003, EBSCO Pub.
File 144:Pascal 1973-2003/Aug W4
          (c) 2003 INIST/CNRS
File  34:SciSearch(R) Cited Ref Sci 1990-2003/Aug W5
          (c) 2003 Inst for Sci Info
File  99:Wilson Appl. Sci & Tech Abs 1983-2003/Jul
          (c) 2003 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2003/Aug W3
          (c) 2003 FIZ TECHNIK
```

14/5/3   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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05027453   E.I. No: EIP98064239155
    Title: User models and filtering **agents for improved Internet information** retrieval
    Author: Newell, Sima C.
    Corporate Source: Bunyip Information Systems, Montreal, Que, Can
    Source: User Modelling and User-Adapted Interaction v 7 n 4 1997. p 223-237
    Publication Year: 1997
    CODEN: UMUIEQ   ISSN: 0924-1868
    Language: English
    Document Type: JA; (Journal Article)   Treatment: T; (Theoretical)
    Journal Announcement: 9807W5
    Abstract: Over the past few years, the amount of electronic information available through the Interact has increased dramatically. Unfortunately, the **search** tools currently available for **retrieving** and **filtering** information in this space are not effective in balancing relevance and comprehensiveness. This paper analyzes the results of experiments in which HTML documents are **searched** with user models and software agents used as intermediaries to the **search** . Simple user models are first combined with **search** specifications (or `User Needs'), to define an Enhanced User Need. Then **Uniform Resource** Agents are constructed to **filter** information based on the EUN parameters. The results of **searches** using different agents are then compared to those obtained through a comparable simple **keyword search** , and it is shown that a user **searching** a pool of existing agents can obtain better **search** results than by conducting a traditional **keyword search** . This work thus demonstrates that the use of user models and information **filtering** agents do improve **search** results and may be used to improve Internet information **retrieval** . (Author abstract) 16 Refs.
    Descriptors: Wide area networks; Online **searching** ; Artificial intelligence; Information analysis; Computer software; Information **retrieval** systems; Data communication systems
    Identifiers: Internet; **Uniform resource** agents; Electronic information
    Classification Codes:
    722.3 (Data Communication, Equipment & Techniques); 903.3 (Information Retrieval & Use); 723.4 (Artificial Intelligence); 903.1 (Information Sources & Analysis)
    722 (Computer Hardware); 903 (Information Science); 723 (Computer Software)
    72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

01706685 ORDER NO: AADMQ-37277
IMPROVED INTERNET INFORMATION RETRIEVAL **THROUGH THE USE OF USER MODELS,**
FILTERING AGENTS AND A KNOWLEDGE-BASED SYSTEM
   Author: NEWELL, SIMA COLETTE
   Degree: M.ENG.
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   Corporate Source/Institution: MCGILL UNIVERSITY (CANADA) (0781)
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     Over the past few years, the amount of electronic information
available from the Internet has increased dramatically. Unfortunately, the
search tools currently available for **retrieving** and **filtering** such
information remain inadequate in balancing relevance and comprehensiveness.
This work proposes a new Internet **search** paradigm. Simple user models are
first combined with **search** specifications (the "user needs"), to form an
Enhanced User Need (EUN). **Uniform   Resource** Agents are then constructed
to **filter** information, based on the EUN parameters. Finally, a
knowledge-based system is developed to suggest those agents that are best
for a researcher with a given background and **search** requirements. Two
experiments show that users can obtain better **search** results from a set
of HTML documents by invoking the agents recommended by the knowledge-based
system, than by conducting a traditional **keyword** -based **search** . This
work thus demonstrates that the use of user models, **filtering** agents and
a knowledge-based system improves **search** results and may be extended to
improve Internet information **retrieval** .

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   Title: Web data compression for information collection: organization, navigation and filtering with linguistic relationships of inclusion
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   Abstract: The paper describes an approach to the design and implementation of an information **retrieval** system. Textual analysis is a **part** of information treatment systems. The access to digital data through Web servers is facilitated by **search** engines. A number of Internet **search** engines provide classified **search** directories. Following a request, the user visualizes masses of the obtained Web pages. However, the selection of documents becomes very difficulty due to non-relevant documents. Generally, the user visualizes the first pages but he doesn't consult the following hundreds. He needs tools for information **filtering** of all Web pages. The article suggests a **filtering** method based only on the **URL** address, titles, and abstracts. This step is a **part** of user profile modeling as a tool in order to access information. This **filtering** will allow a totality of solutions which are based on modeling of user needs. The **module** uses classification algorithms to extract more relevant `terms' in titles and abstracts, given texts accepted and rejected interactively by the user in the process of **filtering** . The problem of information **searching** in texts is mainly a linguistic problem. The objective is to construct a system of automatic indexing that uses the model of Noun Phrases (NP). The intensional predicate/NP couple is used for **retrieval** , navigation and **filtering** the solutions from the Web. The questions that are asked now, are: can they play the role of **descriptors** of textual databases? How to organize them in a Documentary Indexing System for future research? The paper describes a simple method for selecting the `good results' and proposes an algorithm for organizing future optimal **search** .   (15 Refs)
   Subfile: C
   Descriptors: computational linguistics; data compression; information needs; information resources; information **retrieval** ; **search** engines; text analysis
   Identifiers: Web data compression; information collection; linguistic relationships; inclusion; information **retrieval** system; textual analysis; information treatment systems; digital data; Web servers; classified **search** directories.; Internet **search** engines; Web pages; non-relevant documents; information **filtering** ; **filtering** method; **URL** address; titles; abstracts; user profile modeling; user needs; classification algorithms; information **searching** ; linguistic problem; automatic indexing ; Noun Phrases; intensional predicate/NP; textual databases; Documentary Indexing System; optimal **search**
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Information Sharing of WWW Using Bookmark-agent.

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ABSTRACT: An idea of bookmark-agent was studies on the basis of the file of
    bookmarks, which is registered user's preference **URL** addresses and is
    one of derivatives of the cooperative information **filtering** . The
    bookmark-agent we studied is more effective in **searching** information
    than existing **search** engines such as yahoo, altavista and so on. When
    an user tries to **find** for certain **URLs** (i.e. the home pages which is
    concerned with artificial intelligence) by browsing hyperlink, the
    agent begins to **search** for similar web pates to what is dealt with by
    user at present. At the same time, the agent requests for other agents
    to **search** for their own bookmarks, because one agent is stood up as
    one user in a small scale group, and can correspond with each other. As
    a result, the user can obtain similar pages by his agent as hyperlinks
    on his web browser. The information which he got is **filtered**
    beforehand and reduced. (author abst.)
DESCRIPTORS: information service; autonomous system; information **retrieval**
    ; **keyword** ; similarity; **filtering** ; artificial intelligence; human
    interface; agent
BROADER DESCRIPTORS: service; system; **retrieval** ; vocabulary; property;
    signal processing; treatment; interface
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